

GENERAL NOTES

LEGEND AND ABBREVIATIONS

EXISTING TREES

EXISTING TREE TO PRESERVE

EXISTING RAILROAD TRACK

EXISTING PAVED ROAD

EXISTING DRIVEWAY

EXISTING CONTOURS—MAJOR

EXISTING CONTOURS—MINOR

EXISTING FENCE

EXISTING EDGE OF WATER

EXISTING BUILDINGS & STRUCTURES

PROPOSED EARTHWORK

CONSTRUCTION BASELINE

SHEET INDEX

G1 COVER SHEET

G2 ACCESS & DEWATERING PLAN

C1 PLAN SHEET

C2 PLAN SHEET

C3 PLAN SHEET

C4 TYPICAL SECTIONS SHEET

C5 TYPICAL SECTIONS SHEET

C6 DETAILS SHEET

C7 DETAILS SHEET

L0.01 DRAWING INDEX & GENERAL NOTES

L1.01 PLANT SCHEDULE NO. 1

L1.02 PLANT SCHEDULE NO. 2

L2.01 IRRIGATION LAYOUT NO. 1

L2.02 IRRIGATION LAYOUT NO. 2

L2.03 IRRIGATION LAYOUT NO. 3

L3.01 PLANTING LAYOUT NO. 1

L3.02 PLANTING LAYOUT NO. 2

L3.03 PLANTING LAYOUT NO. 3

L4.01 PLANTING SECTIONS NO. 1

L4.02 PLANTING SECTIONS NO. 2

L5.01 IRRIGATION DETAILS NO. 1

L5.02 PLANTING DETAILS NO. 1

L5.03 PLANTING DETAILS NO. 2

L5.04 PLANTING DETAILS NO. 3

PROJECT SCOPE

LOWER BLACKWOOD CREEK RESTORATION PROJECT ADDRESSES ISSUES OF GEOMORPHIC INSTABILITY, RIPARIAN AND AQUATIC HABITAT LOSS OBSERVED ALONG 2300' OF RIVER LOCATED UPSTREAM OF LAKE TAHOE, NEAR CALIFORNIA STATE HIGHWAY 89.

PROJECT LOCATION MAP

State of California

Department of General Services

Real Estate Services Division

DGS

Department of General Services

State of California

Project Management Branch

PROJECT DIRECTOR: Jane Hershberger

707 3rd Street, Suite 03-400

West Sacramento, California 95805

www.dgs.ca.gov

Voice: (916) 378-1804

Fax: (916) 378-1742

E-Mail: jane.hershberger@dgs.ca.gov

PROJECT TITLE: Lower Blackwood Creek Restoration Project

W.O. NUMBER:

PROJECT LOCATION: Blackwood Creek at California State Highway 89

CLIENT AGENCY: California Tahoe Conservancy

1061 3rd Street

South Lake Tahoe, California 96150

PROJECT MANAGER: Adam Lewandowski (530) 543-6054

PROJECT TEAM: north west hydraulic consultants inc.

3950 industrial boulevard, suite 100C

west sacramento, california 95691

phone: (916) 371-7400

fax: (916) 371-7475

www.nhcnweb.com

EDAW | AECOM

2022 J Street

Sacramento, California 95811

Phone: (916) 414-5800

www.edaw.com

Issue

No.

Date

Description

Allwest Geoscience

Hydroscience

Turner & Associates

River Run

File Date:

17OCT08

Vault File Number:

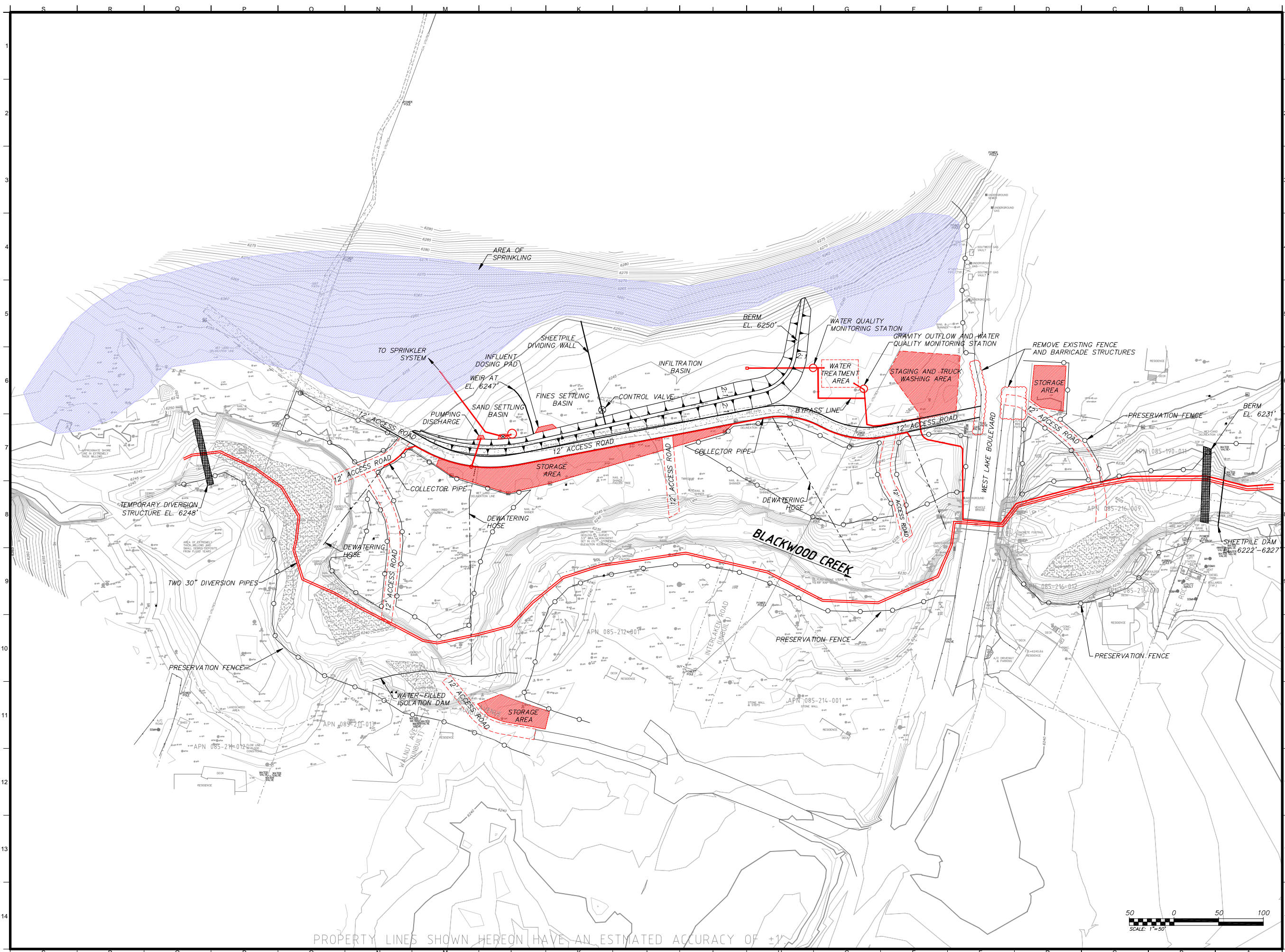
Project Location

VICINITY MAP

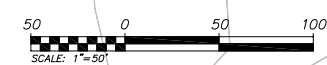
1 of 24 Sheets

SHEET NUMBER


G1



PROPERTY LINES SHOWN HEREON HAVE AN ESTIMATED ACCURACY OF ±1'




State of California
Department of General Services


Department of General Services
State of California

Real Estate Services Division
Project Management Branch

PROJECT DIRECTOR: Jane Hershberger
707 3rd Street, Suite 03-305
West Sacramento, California 95805
www.dgs.ca.gov
Voice: (916) 378-1719
Fax: (916) 378-1742
E-Mail: jane.hershberger@dgs.ca.gov

PRELIMINARY
NOT FOR CONSTRUCTION


northwest hydraulic consultants
3950 industrial boulevard, suite 100C
west sacramento, california 95691
phone: (916) 371-7400
fax: (916) 371-7475 www.nhcweb.com

Issue		
No.	Date	Description

Project

Lower Blackwood
Creek Restoration
Project

Client/Client Agency

California Tahoe Conservancy
c/o Adam Lewandowski

1061 3rd Street
S Lake Tahoe, CA 96150
(530) 543-6054


Supervisor	Designer	Drafter	Checked
	rea/tvs	tvs	eev

File Date	Vault File Number
17OCT08	

Sheet Title

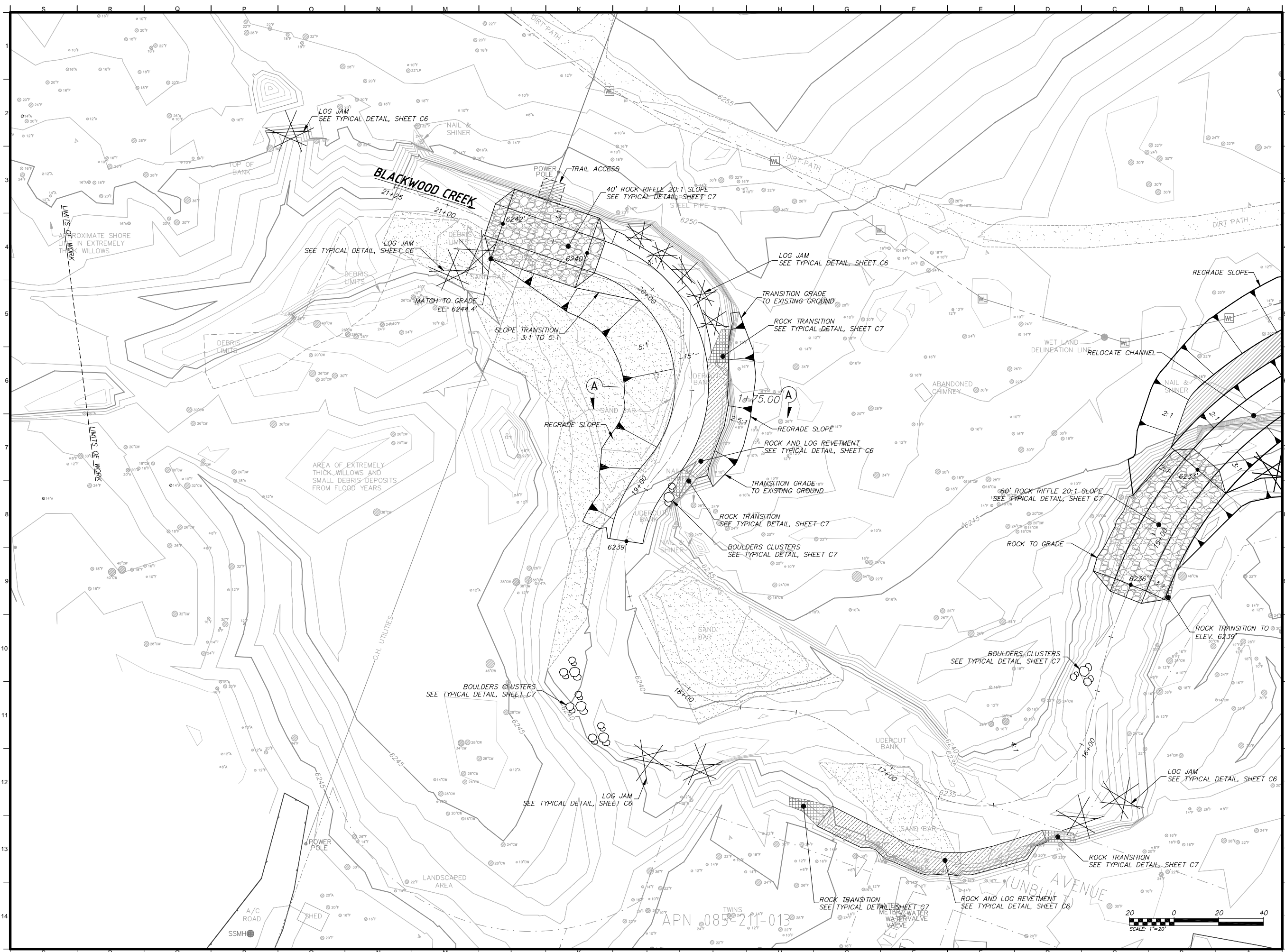
Site Access &
Dewatering Plan

DSA Building Number	Work Order

Reference North	Sheet Scale
	1"=50'
	Sheet Number

G2

Sheet 2 of 24



PRELIMINARY
NOT FOR CONSTRUCTION

nhc

northwest hydraulic consultants
3950 industrial boulevard, suite 100C
west sacramento, california 95691
phone: (916) 371-7400
fax: (916) 371-7475 www.nhcweb.com

Issue

No.	Date	Description

Project

Lower Blackwood
Creek Restoration
Project

Client/Client Agency

California Tahoe Conservancy
c/o Adam Lewandowski

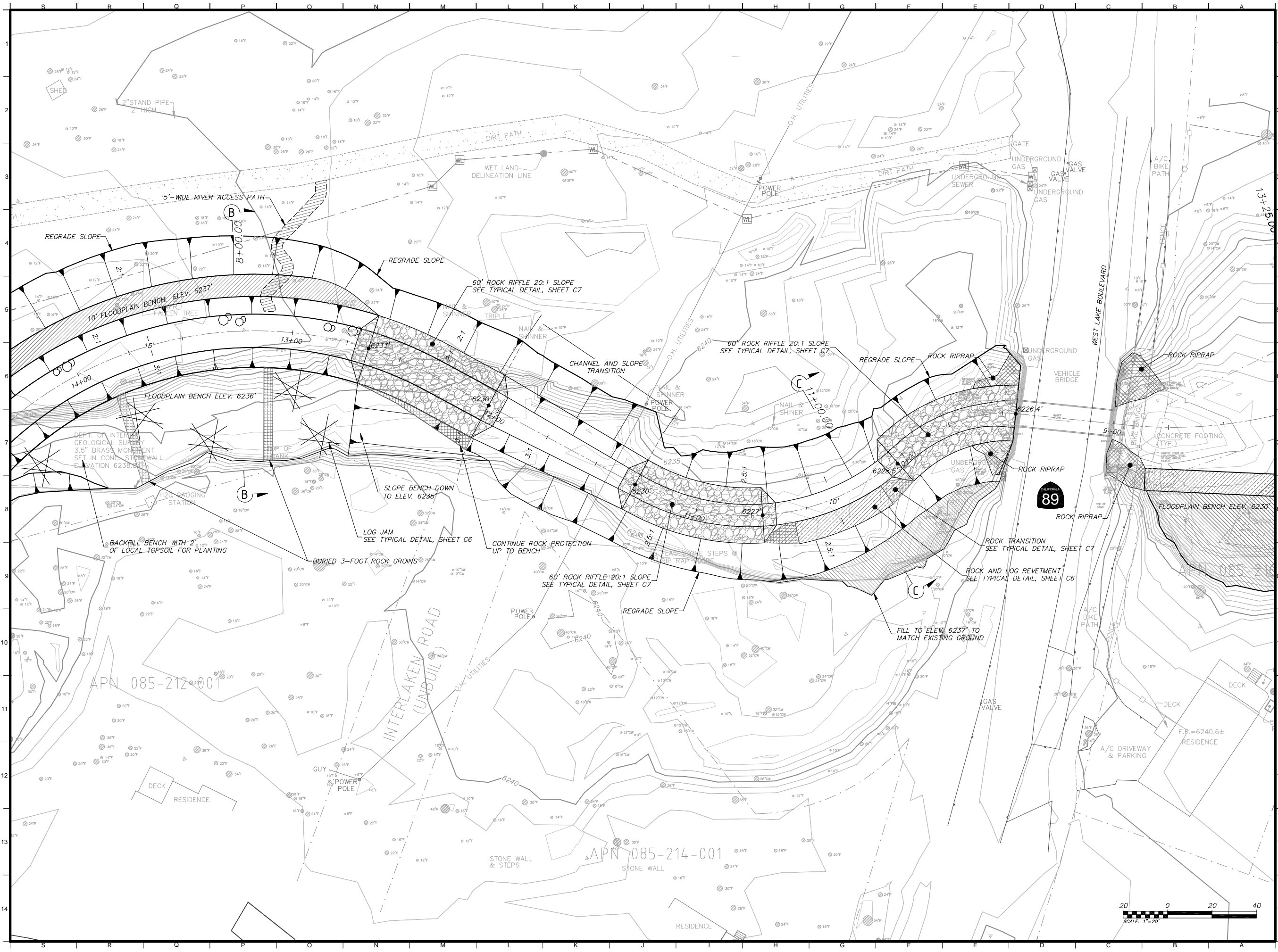
1061 3rd Street
S Lake Tahoe, CA 96150
(530) 543-6054

Supervisor	Designer	Drafter	Checked
	rea/tvs	tvs	eew
File Date	Vault File Number		
17OCT08			


Sheet Title

Plan Sheet

DSA Building Number	Work Order
Reference North	Sheet Scale
	1"=20'
	Sheet Number
	C1
	Sheet 3 of 24




State of California
Department of General Services


Department of General Services
State of California

Real Estate Services Division
Project Management Branch

PROJECT DIRECTOR: Jane Hershberger
707 3rd Street, Suite 03-400
West Sacramento, California 95605
www.dgs.ca.gov
Voice: (916) 376-1604
Fax: (916) 376-1742
E-Mail: jane.hershberger@dgs.ca.gov

PRELIMINARY
NOT FOR CONSTRUCTION


northwest hydraulic consultants
3950 industrial boulevard, suite 100C
west sacramento, california 95691
phone: (916) 371-7400
fax: (916) 371-7475 www.nhcweb.com

Issue		
No.	Date	Description

Project

Lower Blackwood
Creek Restoration
Project

Client/Client Agency

California Tahoe Conservancy
c/o Adam Lewandowski

1061 3rd Street
S Lake Tahoe, CA 96150
(530) 543-6054

Supervisor	Designer	Drafter	Checked
rea/tvs	rea/tvs	trvs	eww

File Date	Vault File Number
17OCT08	

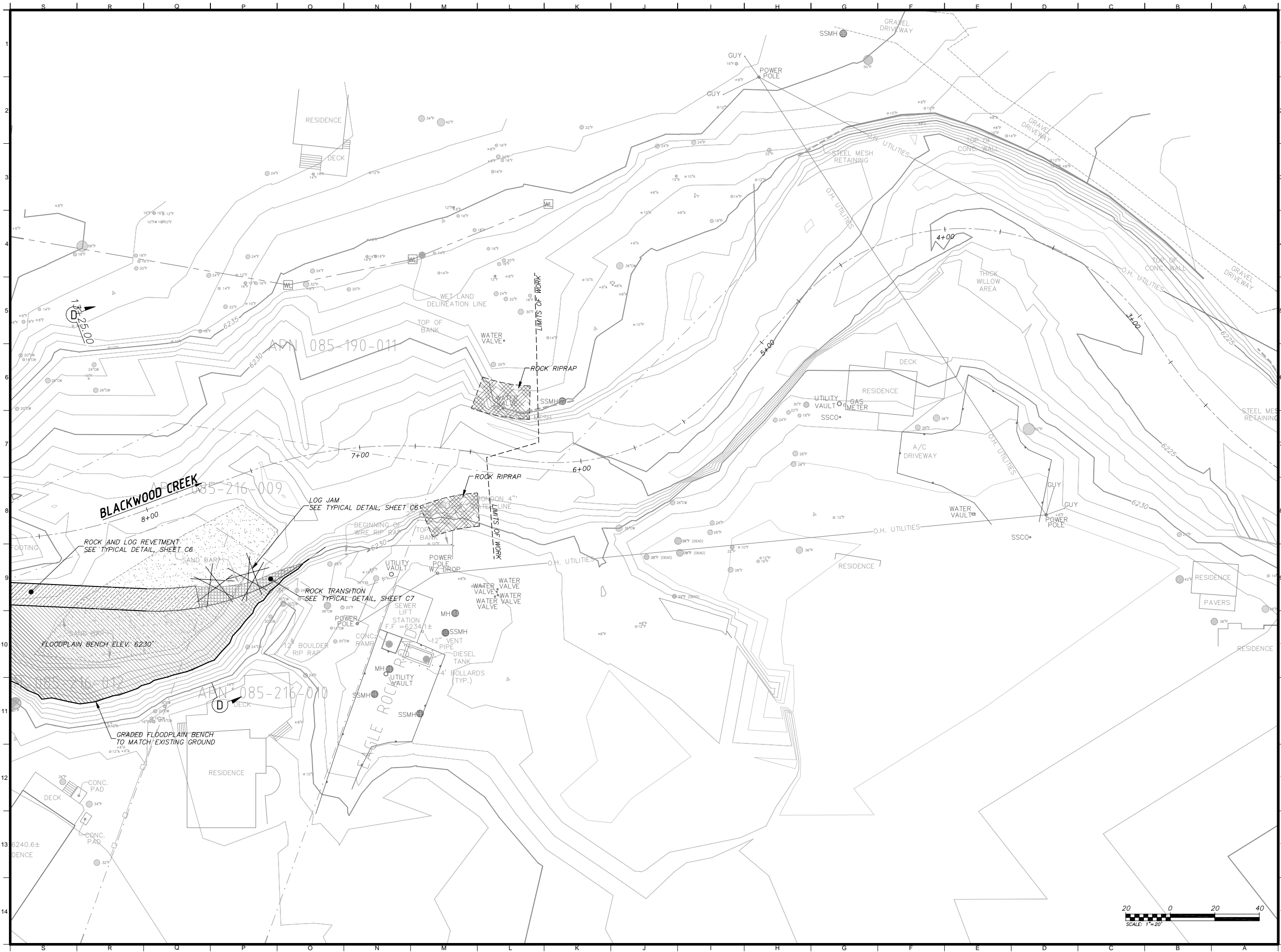
Sheet Title

Plan Sheet

DSA Building Number	Work Order

Reference North	Sheet Scale
	1"=20'

Sheet Number
C2
Sheet 4 of 24



**PRELIMINARY
NOT FOR CONSTRUCTION**

nhc

northwest hydraulic consultants
3950 industrial boulevard, suite 100C
west sacramento, california 95691
phone: (916) 371-7400
fax: (916) 371-7475 www.nhcweb.com

Issue

No.	Date	Description

Project

**Lower Blackwood
Creek Restoration
Project**

Client/Client Agency

California Tahoe Conservancy
c/o Adam Lewandowski

1061 3rd Street
S Lake Tahoe, CA 96150
(530) 543-6054

Supervisor	Designer	Drafter	Checked
	rea/tvs	tvs	eev

File Date	Vault File Number
17OCT08	

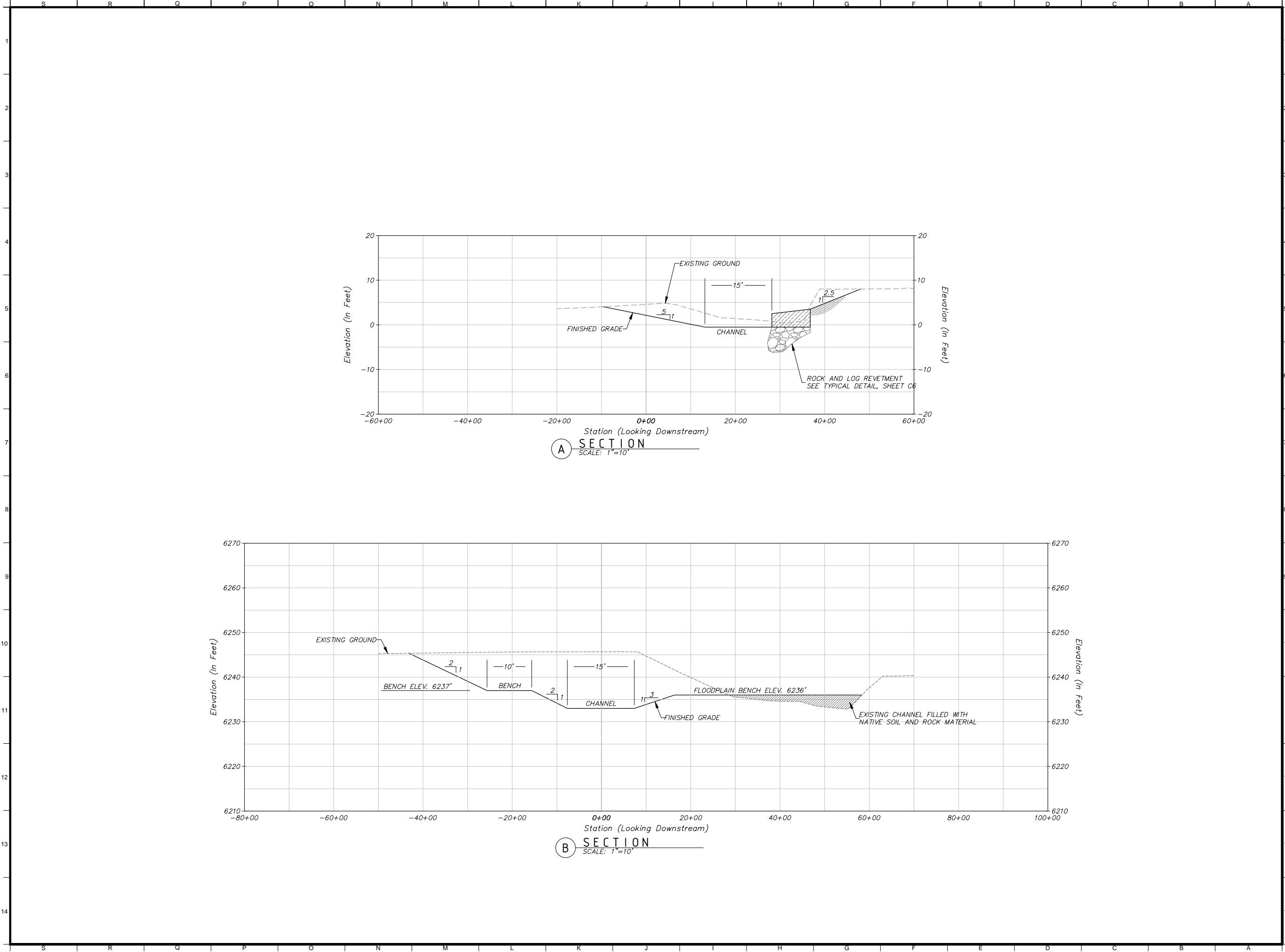
Sheet Title

Plan Sheet


DSA Building Number	Work Order

Reference North	Sheet Scale
	1"=20'

Sheet Number
C3




State of California
Department of General Services


Department of General Services
State of California

Real Estate Services Division
Project Management Branch

PROJECT DIRECTOR: Jane Hershberger
707 3rd Street, Suite 03-400
West Sacramento, California 95805
www.dgs.ca.gov
Voice: (916) 378-1604
Fax: (916) 378-1742
E-Mail: jane.hershberger@dgs.ca.gov

**PRELIMINARY
NOT FOR CONSTRUCTION**


northwest hydraulic consultants
3950 industrial boulevard, suite 100C
west sacramento, california 95691
phone: (916) 371-7400
fax: (916) 371-7475 www.nhcweb.com

Issue			
No.	Date	Description	

Project

**Lower Blackwood
Creek Restoration
Project**

Client/Client Agency

California Tahoe Conservancy
c/o Adam Lewandowski

1061 3rd Street
S Lake Tahoe, CA 96150
(530) 543-6054

Supervisor	Designer	Drafter	Checked
	rea/tvs	tvs	eew

File Date	Vault File Number
17OCT08	

Sheet Title

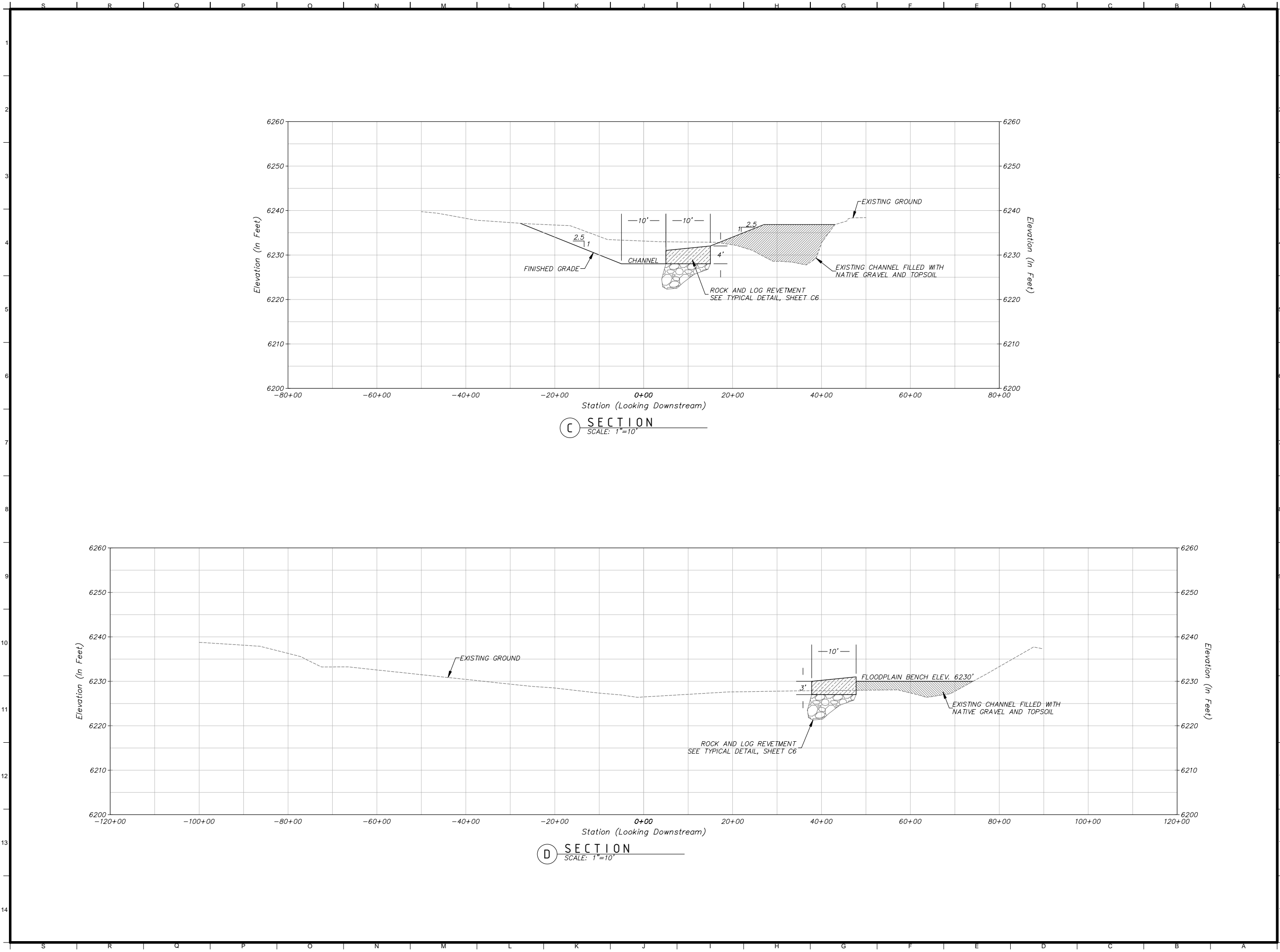
Sections Sheet

DSA Building Number	Work Order


Reference North	Sheet Scale
	1"=20'

Sheet Number
C4

Sheet 6 of 24




State of California
Department of General Services


Department of General Services
State of California

Real Estate Services Division
Project Management Branch

PROJECT DIRECTOR: Jane Hershberger
707 3rd Street, Suite 03-400
West Sacramento, California 95805
www.dgs.ca.gov
Voice: (916) 378-1604
Fax: (916) 378-1742
E-Mail: jane.hershberger@dgs.ca.gov

**PRELIMINARY
NOT FOR CONSTRUCTION**


northwest hydraulic consultants
3950 industrial boulevard, suite 100C
west sacramento, california 95691
phone: (916) 371-7400
fax: (916) 371-7475 www.nhcweb.com

Issue			
No.	Date	Description	

Project

**Lower Blackwood
Creek Restoration
Project**

Client/Client Agency

California Tahoe Conservancy
c/o Adam Lewandowski

1061 3rd Street
S Lake Tahoe, CA 96150
(530) 543-6054

Supervisor	Designer	Drafter	Checked
	rea/tvs	tvs	eev

File Date	Vault File Number
17OCT08	

Sheet Title

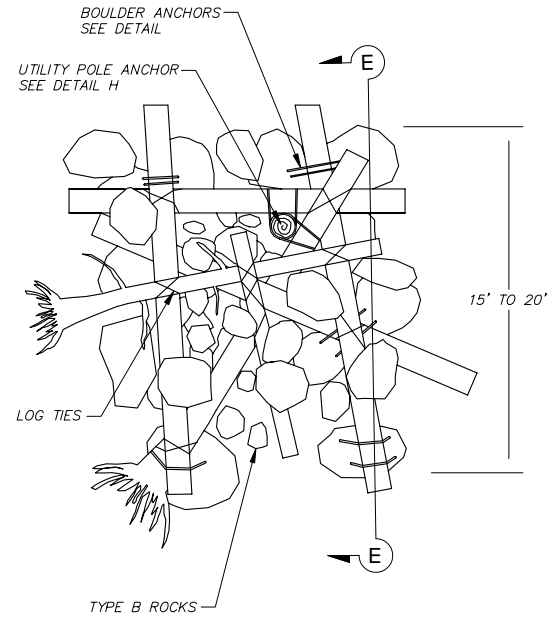
Sections Sheet

DSA Building Number	Work Order

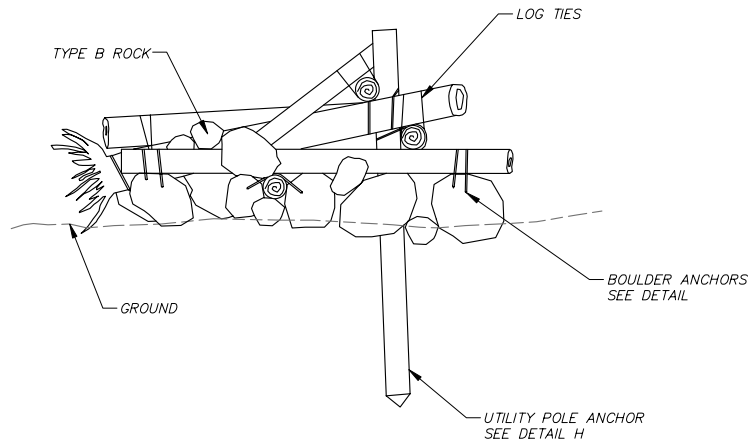
Reference North	Sheet Scale
	1"=20'

Sheet Number
C5

Sheet 7 of 24



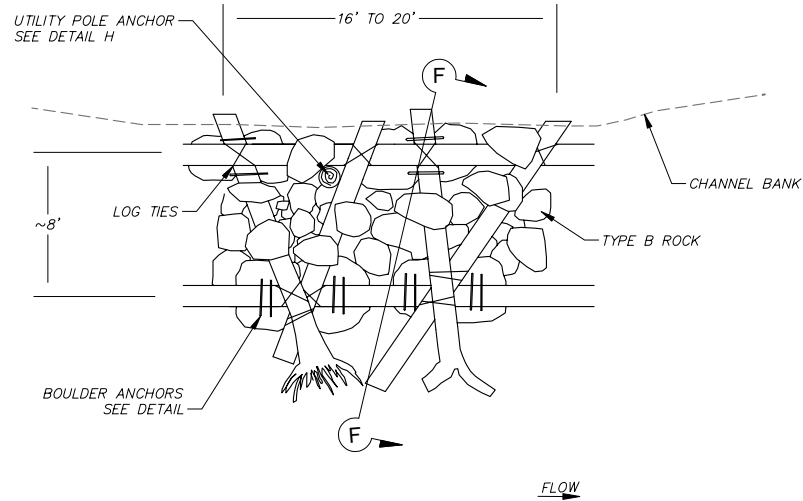
TYPICAL PLAN - LOG JAM
SCALE: 1"=5'



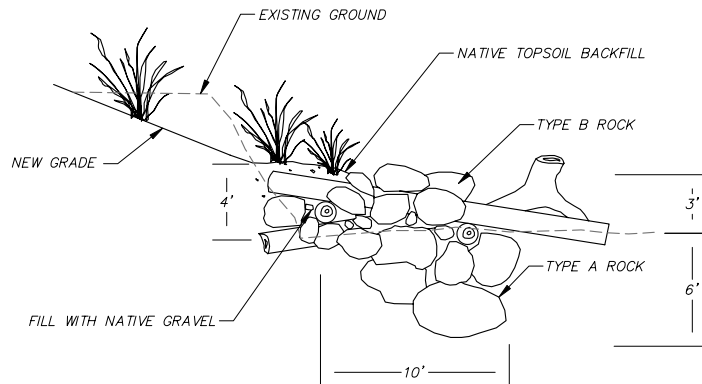
E SECTION
SCALE: 1"=5'

NOTES FOR LOG JAM:

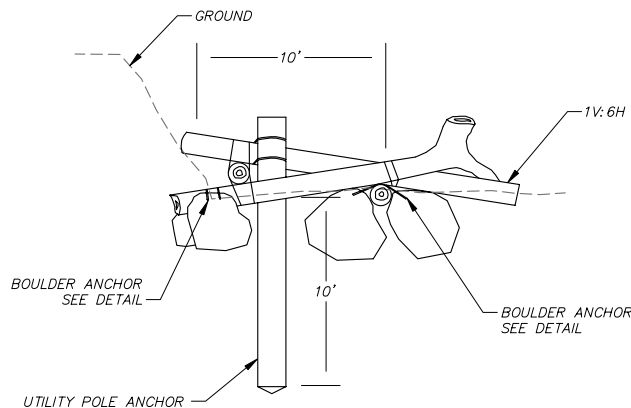
- LOGS SHALL BE TIED TOGETHER USING STEEL CABLE.
- AT A MINIMUM, EACH LOG SHALL BE ANCHORED AT 2 LOCATIONS.
- EACH LOG JAM STRUCTURE SHALL BE CONSTRUCTED USING 6 LOGS, 1 UTILITY POLE ANCHOR, 8 TYPE A ROCK ANCHORS, AND 20 TYPE B ROCKS.
- SHAPES OF LOG JAMS CAN VARY.



TYPICAL PLAN - ROCK AND LOG REVETMENT
SCALE: 1"=5'



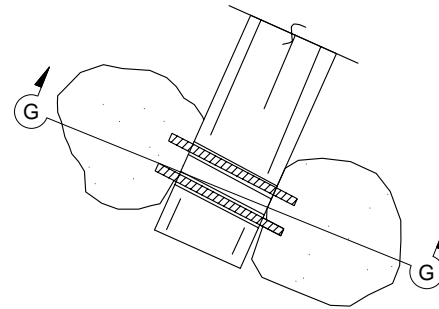
F SECTION
SCALE: 1"=5'



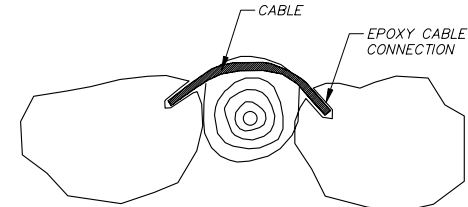
H TYPICAL DETAIL - ROCK AND LOG REVETMENT ANCHORING
SCALE: 1"=5'

NOTES FOR ROCK AND LOG REVETMENT:

- ROCK AND LOG REVETMENT STRUCTURES SHALL CONTAIN UTILITY POLE ANCHORS EVERY 16'-20'.
- LOG CONFIGURATION OF STRUCTURE SHALL BE CONSISTENT WITH DETAILS, THOUGH SHAPES MAY VARY.



TYPICAL DETAIL - BOULDER ANCHOR
SCALE: 1"=2'



G SECTION
SCALE: 1"=2'

NOTES FOR BOULDER ANCHOR:

- EACH LOG SHALL BE SECURED TO TWO BOULDERS BY CABLE.
- CABLE SHALL BE SECURED TO BOULDERS THROUGH PRE-DRILLED HOLES USING EPOXY.

ROCK TYPE CHART

TYPE	PASSING
A	D100=48"
B	D100=36"
C	D100=24"



**PRELIMINARY
NOT FOR CONSTRUCTION**

Issue

No.	Date	Description

Project

**Lower Blackwood
Creek Restoration
Project**

Client/Client Agency

California Tahoe Conservancy
c/o Adam Lewandowski

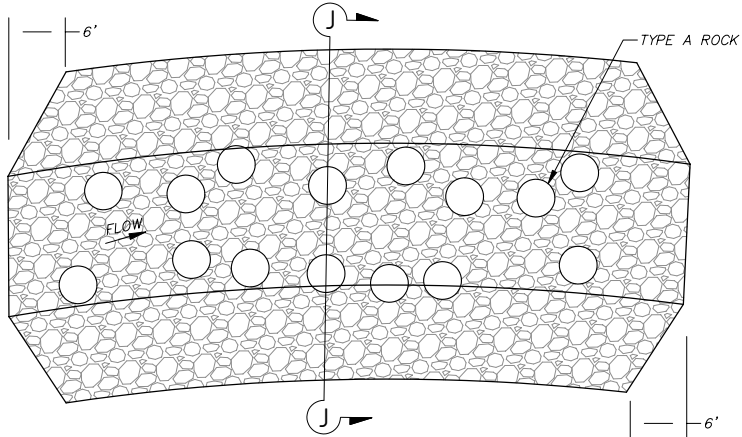
1061 3rd Street
S Lake Tahoe, CA 96150
(530) 543-6054

Supervisor	Designer	Drafter	Checked
File Date	Vault File Number		
17OCT08			

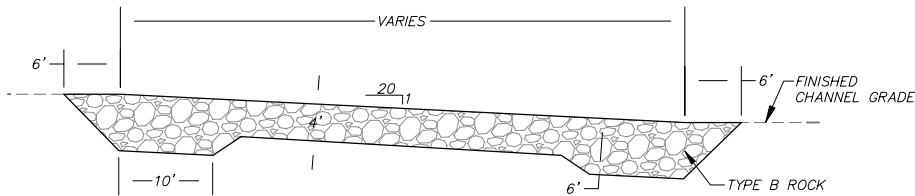
Sheet Title

Details Sheet

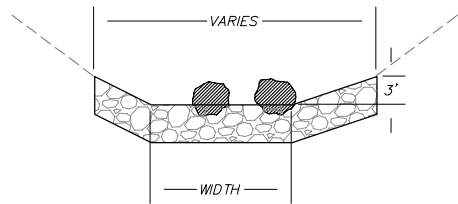
DSA Building Number	Work Order
Reference North	Sheet Scale
	Sheet Number
	C6
	Sheet 8 of 24



TYPICAL PLAN - ROCK RIFFLE
SCALE: 1"=10'



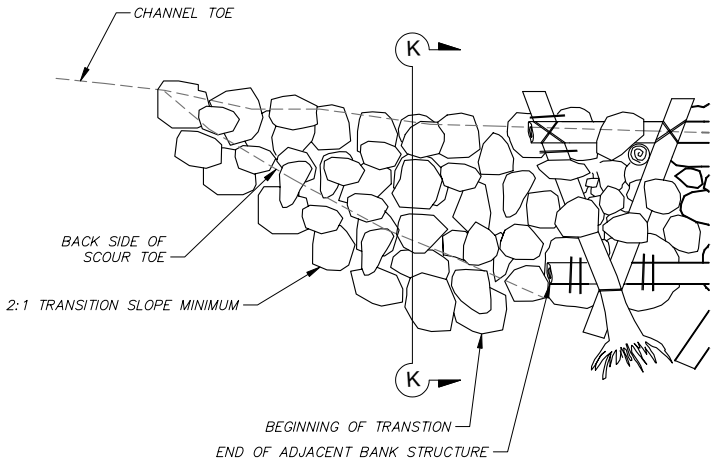
TYPICAL PROFILE - ROCK RIFFLE
SCALE: 1"=10'



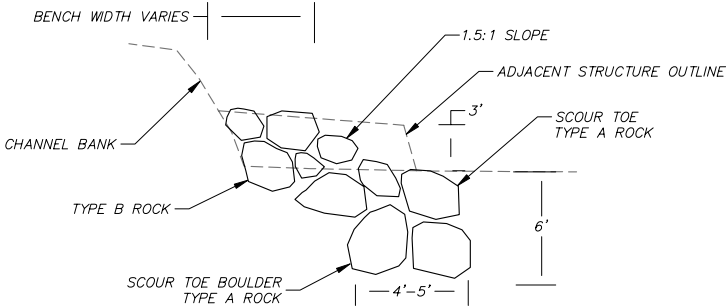
J SECTION
SCALE: 1"=10'

NOTES FOR ROCK RIFFLE:

1. TYPE A ROCKS ON SURFACE OF RIFFLE SHALL BE BURIED 1' INTO BED.
2. RIFFLE SIDE SLOPES SHALL NOT EXCEED 2:1
3. RIFFLE SIDES SHALL EXTEND TO AT LEAST 3 FEET ABOVE THE ELEVATION OF THE BED.



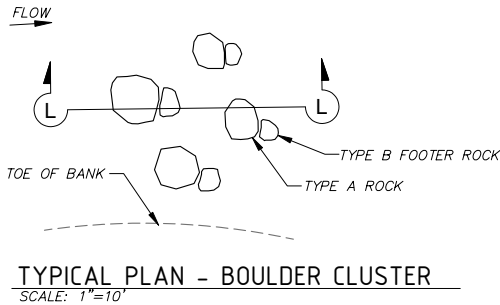
TYPICAL PLAN - ROCK TRANSITION
SCALE: 1"=5'



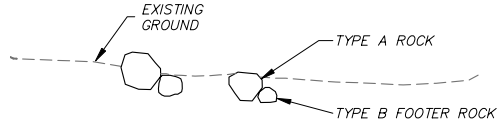
K SECTION
SCALE: 1"=5'

NOTES FOR ROCK TRANSITION:

1. TYPE A ROCK SHALL BE USED IN SCOUR TOE.
2. TRANSITION SHALL MAINTAIN FORM OF ADJACENT STRUCTURE AND REGRESS INTO BANK AT A 2:1 SLOPE.



TYPICAL PLAN - BOULDER CLUSTER
SCALE: 1"=10'



L SECTION
SCALE: 1"=10'

NOTES FOR BOULDER CLUSTER:

1. BOULDER ROCKS SHALL BE 30" TO 48" DIAM.
2. FOOTER BOULDERS SHALL BE INSTALLED TO SUPPORT THE CLUSTER, ALLOWING FOR A MINIMUM OF 6 FEET OF CHANNEL SCOUR AT THE TOE



PRELIMINARY
NOT FOR CONSTRUCTION

Issue

No.	Date	Description

Project

Lower Blackwood
Creek Restoration
Project

Client/Client Agency

California Tahoe Conservancy
c/o Adam Lewandowski

1061 3rd Street
S Lake Tahoe, CA 96150
(530) 543-6054

Supervisor	Designer	Drafter	Checked
	rea/tvs	tvs	eev
File Date	Vault File Number		
17OCT08			

Sheet Title

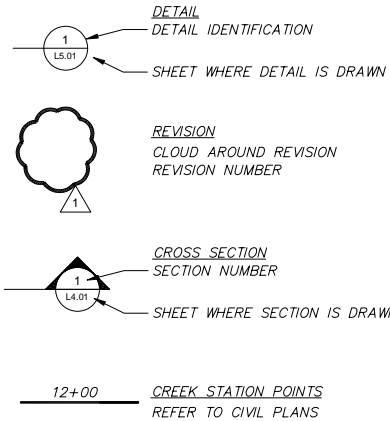
Details Sheet

DSA Building Number	Work Order
Reference North	Sheet Scale
	Sheet Number
	C7
	Sheet 9 of 24

LANDSCAPE DRAWING INDEX

L0.01	DRAWING INDEX, LANDSCAPE NOTES & SEED MIXES
L1.01	PLANT SCHEDULE NO. 1
L1.02	PLANT SCHEDULE NO. 2
L2.01	IRRIGATION PLAN NO. 1
L2.02	IRRIGATION PLAN NO. 2
L2.03	IRRIGATION PLAN NO. 3
L3.01	PLANTING PLAN NO. 1
L3.02	PLANTING PLAN NO. 2
L3.03	PLANTING PLAN NO. 3
L4.01	PLANTING SECTIONS NO. 1
L4.02	PLANTING SECTIONS NO. 2
L5.01	IRRIGATION DETAILS
L5.02	PLANTING DETAILS NO. 1
L5.03	PLANTING DETAILS NO. 2
L5.04	PLANTING DETAILS NO. 3

LANDSCAPE SYMBOLS



GENERAL LANDSCAPE NOTES

1. THE CONSTRUCTION SPECIFICATIONS FOR THIS PROJECT ARE IN BOOK FORM AND, IN ADDITION TO THESE CONSTRUCTION DRAWINGS, ARE AN INTEGRAL PART OF THE CONSTRUCTION DOCUMENTS. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR CONFORMANCE TO ALL REQUIREMENTS PRESCRIBED IN SAID SPECIFICATIONS. THE CONTRACTOR SHALL HAVE READ AND FULLY UNDERSTAND THE SPECIFICATIONS BEFORE GIVING A BID PRICE AND EXECUTING THE CONTRACT TO CONDUCT THE WORK CONTAINED THEREIN.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VISITING THE PROJECT SITE TO VERIFY SITE CONDITIONS AND COMPLETELY UNDERSTANDING THE REQUIRED SCOPE OF WORK SHOWN ON THESE DRAWINGS AND CONTAINED IN THE PROJECT SPECIFICATIONS.
3. ALL AREAS OF SOIL PREPARATION AND PLANTING ARE SUBJECT TO IN-FIELD DESIGN VERIFICATION AND ADJUSTMENTS AS DIRECTED BY THE CONTRACTING OFFICER.
4. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UNDERGROUND UTILITIES BEFORE THE START OF ANY CONSTRUCTION OPERATIONS, INCLUDING AND NOT LIMITED TO EXCAVATION OR TRENCHING. THE CONTRACTOR SHALL CALL UNDERGROUND SERVICE ALERT (U.S.A.) AT 811/1-800-227-2600. THE CONTRACTOR SHALL PROVIDE A MINIMUM OF 48 HOURS ADVANCE NOTICE FOR LOCATING UTILITIES.
5. THE CONTRACTOR SHALL CONTACT THE ENGINEER IMMEDIATELY UPON FINDING ANY FIELD CONDITIONS THAT WOULD CONFLICT WITH THE INFORMATION INDICATED ON THESE DRAWINGS OR THE PROJECT SPECIFICATIONS. ALL FIELD ADJUSTMENTS MUST BE APPROVED BY THE ENGINEER BEFORE CONSTRUCTION OF SAID ADJUSTMENTS; FAILURE TO DO SO SHALL RESULT IN THE CONTRACTOR ASSUMING FULL RESPONSIBILITY FOR ANY REQUIRED REVISIONS OR FIELD MODIFICATIONS, AS DIRECTED BY THE CONTRACTING OFFICER, AT NO ADDITIONAL COST.
6. THE STAGING AREA(S) SHALL BE AS PRESCRIBED ON THE CIVIL DRAWINGS/SPECIFICATIONS.
7. ALL LUBRICATION, REFUELING OR MAINTENANCE OF CONSTRUCTION VEHICLES SHALL BE CONDUCTED WITHIN APPROVED CONSTRUCTION STAGING AREAS.
8. EXISTING GRADES AND CONDITIONS SHALL BE CONFORMED TO WHENEVER POSSIBLE. ANY ADJACENT OR OFFSITE AREAS DISTURBED BY THE CONTRACTOR'S OPERATION MUST BE RESTORED BY THE CONTRACTOR TO THE PREDISTURBANCE CONDITION TO THE SATISFACTION OF THE ENGINEER.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING THE PROJECT SITE IN A NEAT AND ORDERLY CONDITION, FREE OF RUBBISH AND DEBRIS, AT ALL TIMES; REFER TO THE SPECIFICATIONS FOR ADDITIONAL SITE CLEANUP REQUIREMENTS.
10. AT ANY TIME, THE CONTRACTOR'S OPERATIONS AND CONSTRUCTION SHALL BE SUBJECT TO OBSERVATION BY THE ENGINEER; REFER TO SPECIFICATIONS.
11. REFER TO THE PROJECT SPECIFICATIONS AND THE DETAILS ON THE DRAWINGS FOR ADDITIONAL INFORMATION.

IRRIGATION NOTES

1. THE IRRIGATION PLANS REFLECT THE GENERAL DESIGN INTENT FOR THE IRRIGATION SYSTEM. IT IS DIAGRAMMATIC AND DOES NOT SHOW ALL COMPONENTS REQUIRED FOR CONSTRUCTION OF A COMPLETE SYSTEM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF A COMPLETE AND FULLY OPERATIONAL SYSTEM TO MEET THE PERFORMANCE REQUIREMENTS INCLUDED IN THE SPECIFICATIONS.
2. THE IRRIGATION SYSTEM WILL BE A TEMPORARY SYSTEM TO FACILITATE PLANT ESTABLISHMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR WINTERIZATION EACH YEAR AND SYSTEM REMOVAL AT THE END OF THE MAINTENANCE PERIOD.
3. IRRIGATION EQUIPMENT SHALL BE INSTALLED ACCORDING TO THE DETAILS, THESE DRAWINGS, AND THE SPECIFICATIONS. AT ALL TIMES, SYSTEM LAYOUT SHALL NOT IMPACT EXISTING TREES TO REMAIN. WHERE REQUIRED, TRENCHING FOR SLEEVE PIPES SHALL BE CONDUCTED IN A MANNER THAT MINIMIZES IMPACTS ON RETAINED VEGETATION.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FAMILIARITY WITH EXISTING AND PROPOSED GRADE CONDITIONS, AND EXISTING VEGETATION TO BE PRESERVED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF SITE CONDITIONS AND AGENCY REQUIREMENTS BEFORE SUBMITTING A BID AND BEGINNING CONSTRUCTION.
5. THE CONTRACTOR SHALL COORDINATE THEIR OPERATIONS WITH OTHER CONTRACTORS FOR THE PLACEMENT OF PIPING AND OTHER IRRIGATION EQUIPMENT WITHIN THE CREEK FLOODPLAIN. ADDITIONALLY, THE CONTRACTOR SHALL COORDINATE THEIR WORK WITH ALL OTHER TRADES AND OTHER CONTRACTORS ON OR ADJACENT TO THE PROJECT SITE.
6. THE IRRIGATION WATER SOURCE WILL BE THE CREEK.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE PLACEMENT OF IRRIGATION EQUIPMENT AND MATERIALS WITH INDIVIDUAL PLANT LOCATIONS AND EXISTING SITE CONDITIONS.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE IRRIGATION SYSTEM AND PREPARING AS-BUILT DRAWINGS ACCORDING TO THE SPECIFICATIONS.
9. SEE THE GENERAL NOTES AND PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION.

PLANTING NOTES

1. PLANT QUANTITIES SHOWN IN THE PROJECT PLANT SCHEDULES ARE FOR INFORMATION ONLY. THE CONTRACTOR SHALL VERIFY AND PROVIDE THE ACTUAL QUANTITIES FROM THE PLANTING PLANS.
2. PLANTS SHALL BE LOCATED BY THE CONTRACTOR ACCORDING TO THE LAYOUT SHOWN ON THE DRAWINGS. PLANTS SHALL BE PLACED IN A RANDOM DISTRIBUTION TO MIMIC A NATURAL LAYOUT; REFER TO SHEETS L4.01 AND L4.02 FOR PLANT LAYOUT SECTIONS AND DETAILS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING POSITIVE DRAINAGE IN ALL PLANTING AREAS AND AT INDIVIDUAL PLANT LOCATIONS. THE CONTRACTOR SHALL RECEIVE APPROVAL FOR ALL METHODS TO BE USED TO CORRECT DRAINAGE PROBLEMS BEFORE IMPLEMENTATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A 2% MINIMUM CROSS-SLOPE IN ALL PLANTER AREAS TO ENSURE POSITIVE DRAINAGE TOWARDS THE CREEK.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE PLANTS IN A HEALTHY CONDITION THROUGHOUT THE MAINTENANCE PERIOD ACCORDING TO THE SPECIFICATIONS.
5. SEE THE GENERAL NOTES AND PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION.

MAINTENANCE NOTES

1. THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS, EQUIPMENT, AND INCIDENTALS DURING THE MAINTENANCE PERIOD WHICH WILL BEGIN UPON THE FINAL ACCEPTANCE OF THE CONTRACTOR'S INSTALLATION OPERATIONS. REPAIRS DUE TO NATURAL DISASTERS, SUCH AS SEVERE FLOODING, SHALL NOT BE A MAINTENANCE RESPONSIBILITY OF THE CONTRACTOR. ALL MAINTENANCE ACTIVITIES SHALL BE COORDINATED WITH THE ENGINEER. THE MAINTENANCE OPERATIONS SHALL INCLUDE, BUT NOT BE LIMITED TO:
- MAINTAINING PLANTING SITES AND IRRIGATION SYSTEMS, AND CONDUCTING WEED CONTROL, WATERING, AND DEBRIS REMOVAL FOR THE DURATION OF THE CONTRACT PERIOD;
 - REPLACING ALL DEAD OR SEVERELY STRESSED PLANTS AND OTHER MATERIALS, AS REQUIRED;
 - MAINTAINING ALL WATERING BASINS, WEED FREE AND REMOVING ALL NOXIOUS WEEDS AND ALL OTHER UNDESIRED, NON-NATIVE PLANTS FROM ENTIRE PROJECT SITE;
 - OPERATING THE IRRIGATION SYSTEM ON A REGULAR BASIS THROUGHOUT THE IRRIGATION SEASON AND MAINTAINING THE IRRIGATION SYSTEM IN A FULLY OPERATIONAL CONDITION FOR THE DURATION OF THE MAINTENANCE PERIOD, AND UP TO THE FINAL ACCEPTANCE OF THE PROJECT.
 - KEEPING UP-TO-DATE "AS-BUILT", DRAWINGS DURING THE MAINTENANCE PERIOD.
2. SEE THE GENERAL NOTES AND PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION.

SEED MIXES	SYMBOL	PLANTS		SEEDING RATE (PLS#/AC)
		BOTANICAL NAME	COMMON NAME	
SEED MIX TYPE 1		AGROSTIS EXARATA	BENTGRASS	1
		ELYMUS GLAUCUS	BLUE WILDRYE	14
		HORDEUM BRACHYANTHERUM	MEADOW BARLEY	15
		ARTEMISIA DOUGLASIANA	DOUGLAS' SAGEWORT	1
		RUMEX SALICIFOLIUS	WILLOW DOCK	12
				43
SEED MIX TYPE 2		BROMUS CARINATUS	CALIFORNIA BROME	15
		ELYMUS GLAUCUS	BLUE WILDRYE	11
		HORDEUM BRACHYANTHERUM	CALIFORNIA BARLEY	10
		ACHILLEA MILLEFOLIUM	YARROW	1
		ARTEMISIA DOUGLASIANA	DOUGLAS' SAGEWORT	1
		LOTUS PURSHIANUS	SPANISH CLOVER	13
		LUPINUS POLYPHYLLUS	BIGLEAF LUPINE	5
		POTENTILLA GLANDULOSA	STICKY CINQUEFOIL	1
				57
SEED MIX TYPE 3		ELYMUS GLAUCUS	BLUE WILDRYE	17
		POA COMPRESSA	CANADA BLUEGRASS	1
		POA PALUSTRIS	FOWL BLUEGRASS	1
		ACHILLEA MILLEFOLIUM	YARROW	2
		PHACELIA HASTATA	SILVERLEAF PHACELIA	6
		TRIFOLIUM LONGIPES	LONGTALK CLOVER	5
		CHRYSOTHAMNUS NAUSEOSUS	RUBBER RABBITBRUSH	1
		RIBES INERME	WHITESTEM GOOSEBERRY	1
				34

*PLS = PURE LIVE SEED = (PERCENT GERMINATION X PERCENT PURITY)/100
ALL SEEDS MUST BE FROM LOCAL GENETIC STOCK

State of California
Department of General Services



Real Estate Services Division
Project Management Branch

PROJECT DIRECTOR: Jane Hershberger
707 3rd Street, Suite 03-400
West Sacramento, California 95805
www.dgs.ca.gov
Voice: (916) 376-1604
Fax: (916) 376-1742
E-Mail: jane.hershberger@dgs.ca.gov

PRELIMINARY
NOT FOR CONSTRUCTION

EDAW | AECOM

870 Emerald Bay Road, Suite 400
South Lake Tahoe, CA 96150
Tel: (530) 543.5100
Fax: (530) 543.5150

Issue

No.	Date	Description

Project

Client/Client Agency

Supervisor JZ	Designer JZ, JH	Drafter SB, ML	Checked JZ
File Date 10/17/2008		Vault File Number 05110011.01	

Sheet Title

Drawing Index &
General Notes

DSA Building Number	Work Order
Reference North	Sheet Scale NTS
	Sheet Number L0.01 10 of 24

	S	R	Q	P	O	N	M	L	K	J	I	H	G	F	E	D	C	B	A	
1																				
2																				
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				
13																				
14																				
	S	R	Q	P	O	N	M	L	K	J	I	H	G	F	E	D	C	B	A	

SYMBOL	TREATMENT	DETAILS	KEY	PLANTS			QUANTITIES*	PLANT SPACING
				BOTANICAL NAME	COMMON NAME	PLANT SIZE		
	LOG JAM AREA (NO SEEDING)		AL IN	ALNUS INCANA SSP. TENUIFOLIA	THINLEAF ALDER	POLE CUTTINGS – 72" LENGTH		2' O.C.
			CO SE	CORNUS SERICEA	REDOSIER DOGWOOD	POLE CUTTINGS – 72" LENGTH		2' O.C.
			SA LU	SALIX LUCIDA SSP. LASIANDRA	PACIFIC WILLOW	POLE CUTTINGS – 72" LENGTH		2' O.C.
			SA LE	SALIX LEMMONII	LEMMON'S WILLOW	POLE CUTTINGS – 72" LENGTH		2' O.C.
			PO BA	POPULUS BALSAMIFERA SSP. TRICHOCARPA	BLACK COTTONWOOD	POLE CUTTINGS – 72" LENGTH		2' O.C.
	ROCK AND LOG REVETMENT AREA SEED MIX TYPE 1		AL IN	ALNUS INCANA SSP. TENUIFOLIA	THINLEAF ALDER	POLE CUTTINGS – 72" LENGTH		2' O.C.
			CO SE	CORNUS SERICEA	REDOSIER DOGWOOD	POLE CUTTINGS – 72" LENGTH		2' O.C.
			SA LU	SALIX LUCIDA SSP. LASIANDRA	PACIFIC WILLOW	POLE CUTTINGS – 72" LENGTH		2' O.C.
			SA LE	SALIX LEMMONII	LEMMON'S WILLOW	POLE CUTTINGS – 72" LENGTH		2' O.C.
			PO BA	POPULUS BALSAMIFERA SSP. TRICHOCARPA	BLACK COTTONWOOD	POLE CUTTINGS – 72" LENGTH		2' O.C.
	ROCK BOULDER CLUSTERS & CUTTINGS IN ROCK RIFFLE (NO SEEDING)	 	AL IN	ALNUS INCANA SSP. TENUIFOLIA	THINLEAF ALDER	POLE CUTTINGS – 72" LENGTH		2' O.C.
			CO SE	CORNUS SERICEA	REDOSIER DOGWOOD	POLE CUTTINGS – 72" LENGTH		2' O.C.
			SA LU	SALIX LUCIDA SSP. LASIANDRA	PACIFIC WILLOW	POLE CUTTINGS – 72" LENGTH		2' O.C.
			SA LE	SALIX LEMMONII	LEMMON'S WILLOW	POLE CUTTINGS – 72" LENGTH		2' O.C.
			PO BA	POPULUS BALSAMIFERA SSP. TRICHOCARPA	BLACK COTTONWOOD	POLE CUTTINGS – 72" LENGTH		2' O.C.
	LOWER SLOPE (NO SEEDING)		CA AQ	CAREX AQUATILIS	WATER SEDGE	TREEBAND		2' O.C.
			CA AT	CAREX ATHROSTACHYA	SLENDER-LEAVED SEDGE	TREEBAND		2' O.C.
			CA LE	CAREX LENTICULARIS	LAKESHORE SEDGE	TREEBAND		2' O.C.
			CA NE	CAREX NEBRASCENSIS	NEBRASKA SEDGE	TREEBAND		2' O.C.
			CA UT	CAREX UTRICULATA	NORTHWEST TERRITORY SEDGE	TREEBAND		2' O.C.
			JU BA	JUNCUS BALTICUS	BALTIC RUSH	TREEBAND		2' O.C.
			JU EF	JUNCUS EFFUSUS	COMMON RUSH	TREEBAND		2' O.C.
			JU NE	JUNCUS NEVADENSIS	SIERRA RUSH	TREEBAND		2' O.C.
			CA CA	CALAMAGROSTIS CANADENSIS	BLUEJOINT	TREEBAND		2' O.C.
			DE CE	DESCHAMPSIA CAESPITOSA	TUFTED HAIRGRASS	TREEBAND		2' O.C.
			GL EL	GLYCERIA ELATA	FOWL MANNAGRASS	TREEBAND		2' O.C.
			MI GU	MIMULUS GUTTATUS	SEEP MONKEYFLOWER	TREEBAND		2' O.C.
	MIDDLE SLOPE TYPE 1 (NO SEEDING)		CA NE	CAREX NEBRASCENSIS	NEBRASKA SEDGE	TREEBAND		2' O.C.
			JU BA	JUNCUS BALTICUS	BALTIC RUSH	TREEBAND		2' O.C.
			DE CE	DESCHAMPSIA CAESPITOSA	TUFTED HAIRGRASS	TREEBAND		2' O.C.
			HO BR	HORDEUM BRACHYANTHERUM	MEADOW BARLEY	TREEBAND		2' O.C.
			AR DO	ARTEMISIA DOUGLASIANA	DOUGLAS' SAGEWORT	TREEBAND		2' O.C.
			EP CI	EPILOBIUM CILIATUM SSP. CILIATUM	FRINGED WILLOWHERB	TREEBAND		2' O.C.
			SI OR	SIDALCEA OREGANA SSP. SPICATA	OREGON CHECKERBLOOM	TREEBAND		2' O.C.

*NOTE: PLANT QUANTITIES TO BE DETERMINED AT SUBSEQUENT LEVEL.

State of California
Department of General Services

Department of General Services
State of California

Real Estate Services Division
Project Management Branch

PROJECT DIRECTOR: Jane Hershberger
707 3rd Street, Suite 03-400
West Sacramento, California 95805
www.dgs.ca.gov
Voice: (916) 376-1604
Fax: (916) 376-1742
E-Mail: jane.hershberger@dgs.ca.gov

PRELIMINARY
NOT FOR CONSTRUCTION

EDAW | AECOM

870 Emerald Bay Road, Suite 400
South Lake Tahoe, CA 96150
Tel: (530) 543.5100
Fax: (530) 543.5150

Issue

No.	Date	Description

Project

Client/Client Agency

Supervisor JZ	Designer JZ, JH	Drafter SB, ML	Checked JZ
File Date 10/17/2008		Vault File Number 05110011.01	
Sheet Title Plant Schedule No. 1			
DSA Building Number		Work Order	
Reference North		Sheet Scale NTS	
		Sheet Number L1.01 11 of 24	

S R Q P O N M L K J I H G F E D C B A

SYMBOL	TREATMENT	DETAILS	KEY	PLANTS			QUANTITIES*	PLANT SPACING
				BOTANICAL NAME	COMMON NAME	PLANT SIZE		
	LOWER TERRACE & MIDDLE SLOPE TYPE 2 SEED MIX TYPE 1	TERRACE DETAILS MIDDLE SLOPE TYPE 2 DETAILS 	 AM AL SA LU SA LE RU PA CO SE RI IN SY MO AL IN PO BA 					
				AMELANCHIER ALNIFOLIA	SASKATOON SERVICEBERRY	DEEPOT		4' O.C.
				SALIX LUCIDA SSP. LASIANDRA	PACIFIC WILLOW	POLE CUTTING – 36" LENGTH		4' O.C.
				SALIX LEMMONII	LEMMON'S WILLOW	POLE CUTTING – 36" LENGTH		4' O.C.
				RUBUS PARVIFLORUS	THIMBLEBERRY	DEEPOT		4' O.C.
				CORNUS SERICEA	REDOSIER DOGWOOD	DEEPOT		4' O.C.
				RIBES INERME	WHITESTEM GOOSEBERRY	DEEPOT		4' O.C.
				SYMPHORICARPOS MOLLIS	CALIFORNIA SNOWBERRY	DEEPOT		4' O.C.
				ALNUS INCANA SSP. TENUIFOLIA	THINLEAF ALDER	TREEPOT4		6' O.C.
				POPULUS BALSAMIFERA SSP. TRICHOCARPA	BLACK COTTONWOOD	TREEPOT4		6' O.C.
	UPPER SLOPE & TRENCH PLANTING SEED MIX TYPE 2	UPPER SLOPE DETAILS TRENCH PLANTING DETAILS 	 AM AL RI IN SY MO PO TR 					
				AMELANCHIER ALNIFOLIA	SASKATOON SERVICEBERRY	DEEPOT		4' O.C.
				RIBES INERME	WHITESTEM GOOSEBERRY	DEEPOT		4' O.C.
				SYMPHORICARPOS MOLLIS	CALIFORNIA SNOWBERRY	DEEPOT		4' O.C.
				POPULUS TREMULOIDES	QUAKING ASPEN	TREEPOT4		6' O.C.

*NOTE: PLANT QUANTITIES TO BE DETERMINED AT SUBSEQUENT LEVEL.

S R Q P O N M L K J I H G F E D C B A

State of California
Department of General Services



Real Estate Services Division
Project Management Branch

PROJECT DIRECTOR: Jane Hershberger
707 3rd Street, Suite 03-400
West Sacramento, California 95805
www.dgs.ca.gov
Voice: (916) 376-1604
Fax: (916) 376-1742
E-Mail: jane.hershberger@dgs.ca.gov

PRELIMINARY
NOT FOR CONSTRUCTION

EDAW | AECOM

870 Emerald Bay Road, Suite 400
South Lake Tahoe, CA 96150
Tel: (530) 543.5100
Fax: (530) 543.5150

Issue

No.	Date	Description

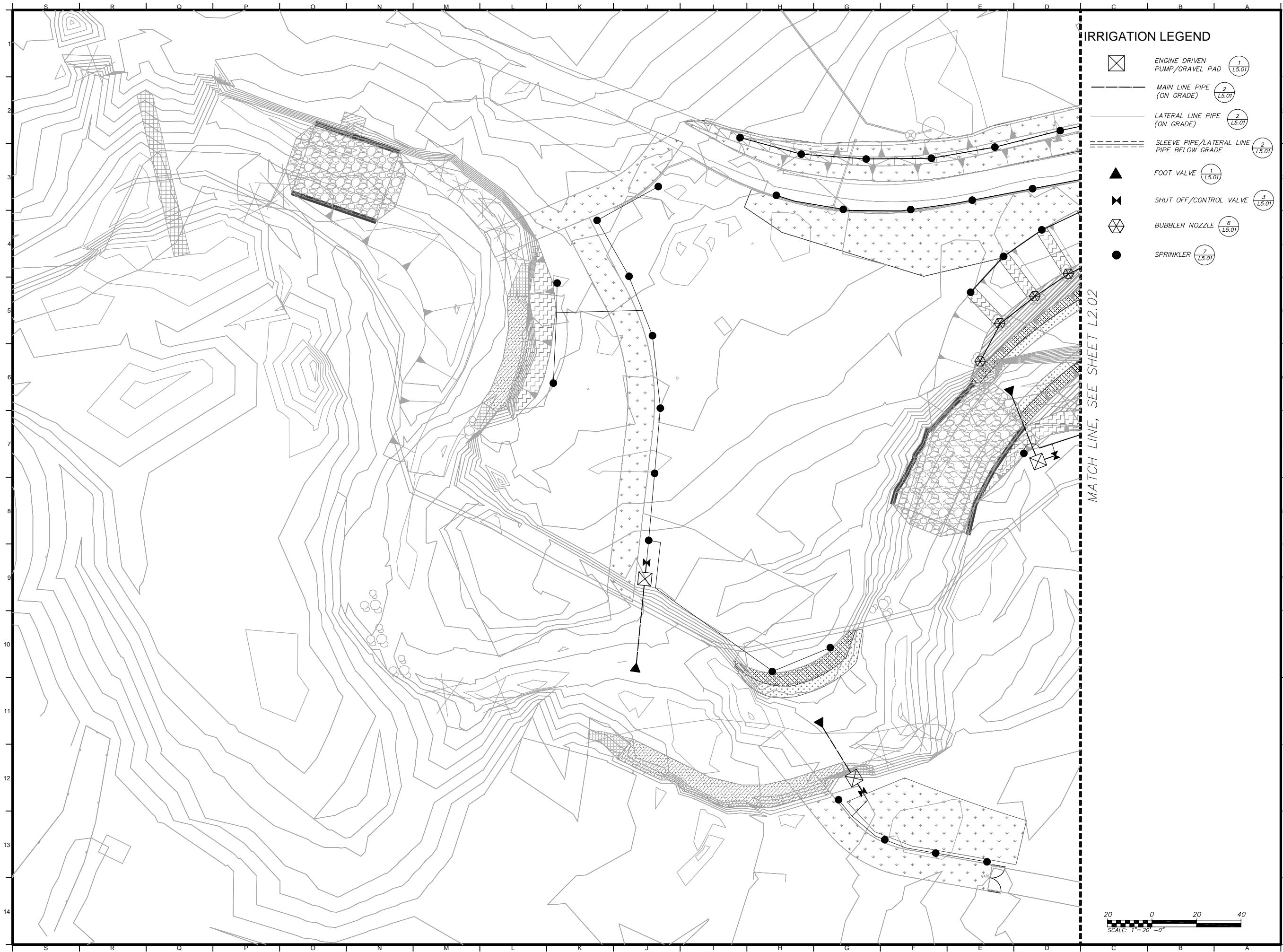
Project

Client/Client Agency

Supervisor JZ	Designer JZ, JH	Drafter SB, ML	Checked JZ
File Date 10/17/2008		Vault File Number 05110011.01	

Sheet Title
Plant Schedule No. 2

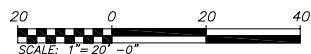
DSA Building Number	Work Order
Reference North	Sheet Scale NTS
	Sheet Number L1.02 12 of 24



IRRIGATION LEGEND

- ENGINE DRIVEN PUMP/GRAVEL PAD (1 L5.01)
- MAIN LINE PIPE (ON GRADE) (2 L5.01)
- LATERAL LINE PIPE (ON GRADE) (2 L5.01)
- SLEEVE PIPE/LATERAL LINE PIPE BELOW GRADE (2 L5.01)
- FOOT VALVE (1 L5.01)
- SHUT OFF/CONTROL VALVE (3 L5.01)
- BUBBLER NOZZLE (6 L5.01)
- SPRINKLER (7 L5.01)

MATCH LINE, SEE SHEET L2.02



State of California
Department of General Services

DGS
Department of General Services
State of California

Real Estate Services Division
Project Management Branch

PROJECT DIRECTOR: Jane Hershberger
707 3rd Street, Suite 03-400
West Sacramento, California 95805
www.dgs.ca.gov
Voice: (916) 376-1604
Fax: (916) 376-1742
E-Mail: jane.hershberger@dgs.ca.gov

PRELIMINARY
NOT FOR CONSTRUCTION

EDAW | AECOM
870 Emerald Bay Road, Suite 400
South Lake Tahoe, CA 96150
Tel: (530) 543.5100
Fax: (530) 543.5150

Issue			
No.	Date	Description	

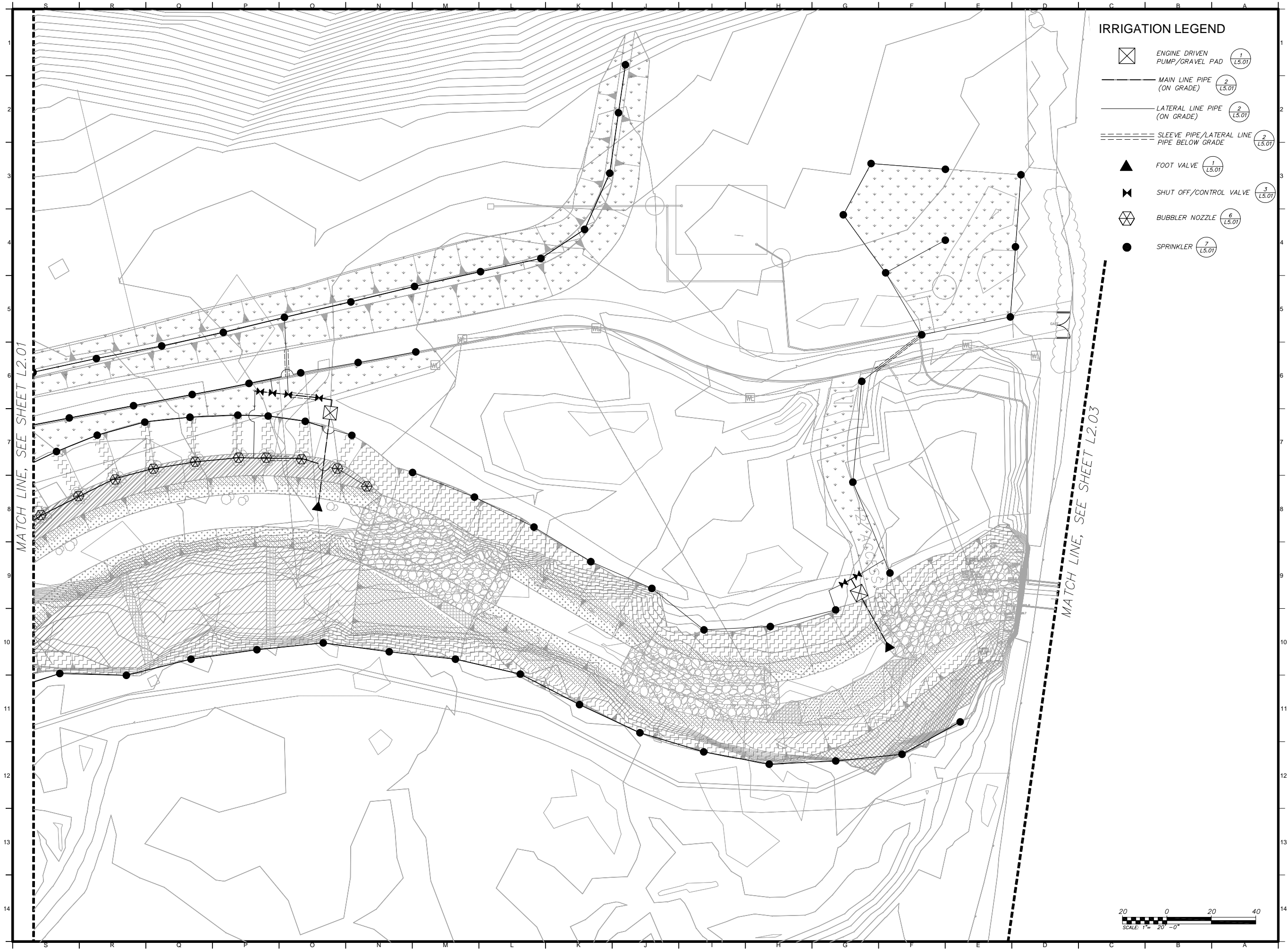
Project

Client/Client Agency

Supervisor JZ	Designer JZ	Drafter SB, ML	Checked JZ
File Date 10/17/2008		Vault File Number 05110011.01	

Sheet Title
Irrigation Plan No. 1

DSA Building Number	Work Order
Reference North	Sheet Scale 1"=20'
	Sheet Number L2.01 13 of 24



IRRIGATION LEGEND

- ENGINE DRIVEN PUMP/GRAVEL PAD (1 L5.01)
- MAIN LINE PIPE (ON GRADE) (2 L5.01)
- LATERAL LINE PIPE (ON GRADE) (2 L5.01)
- SLEEVE PIPE/LATERAL LINE PIPE BELOW GRADE (2 L5.01)
- FOOT VALVE (1 L5.01)
- SHUT OFF/CONTROL VALVE (3 L5.01)
- BUBBLER NOZZLE (6 L5.01)
- SPRINKLER (7 L5.01)

State of California
Department of General Services



Real Estate Services Division
Project Management Branch

PROJECT DIRECTOR: Jane Hershberger
707 3rd Street, Suite 03-400
West Sacramento, California 95805
www.dgs.ca.gov
Voice: (916) 376-1604
Fax: (916) 376-1742
E-Mail: jane.hershberger@dgs.ca.gov

PRELIMINARY
NOT FOR CONSTRUCTION

EDAW | AECOM

870 Emerald Bay Road, Suite 400
South Lake Tahoe, CA 96150
Tel: (530) 543.5100
Fax: (530) 543.5150

Issue

No.	Date	Description

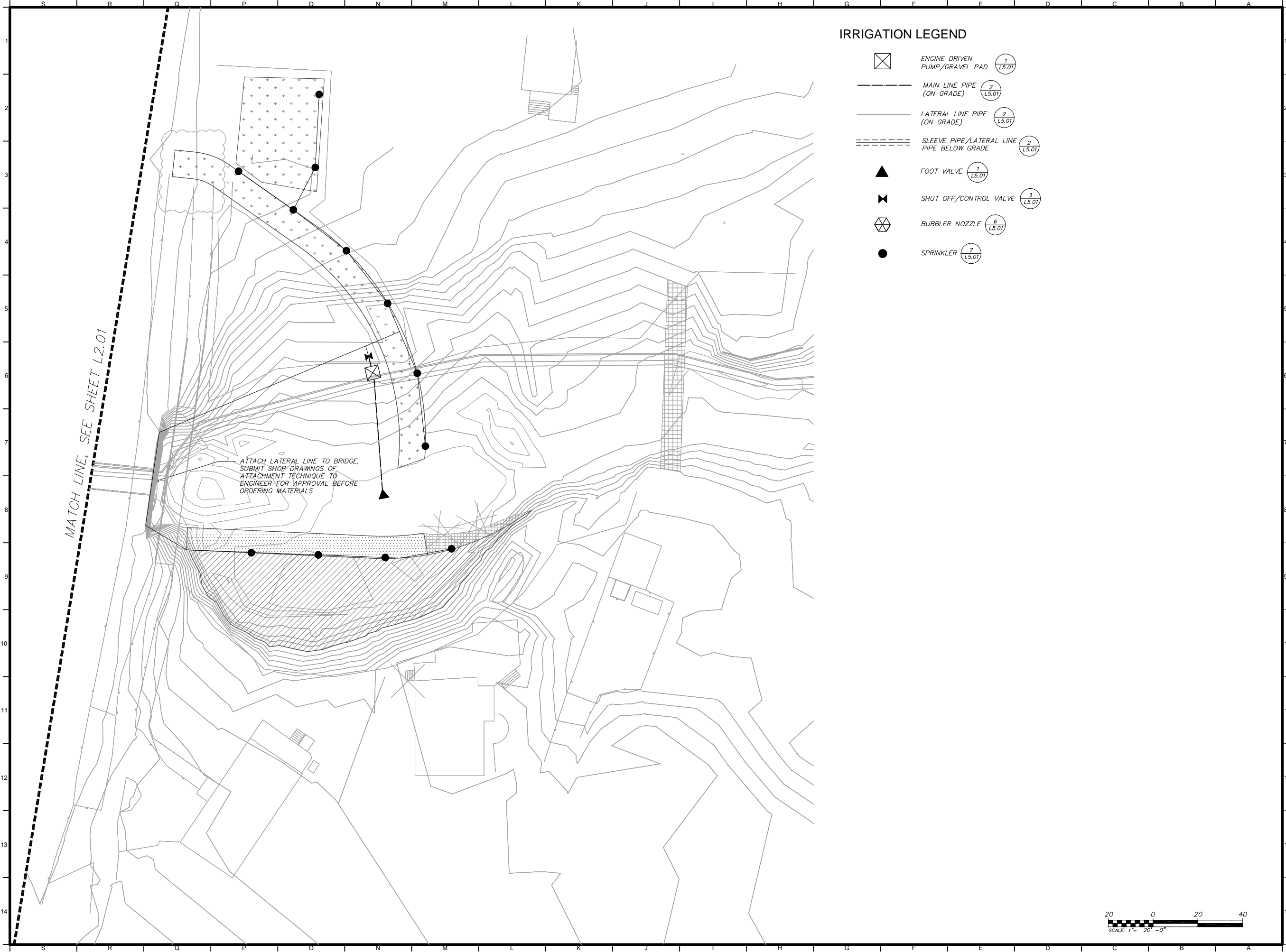
Project

Client/Client Agency

Supervisor JZ	Designer JZ	Drafter SB, ML	Checked JZ
File Date 10/17/2008	Vault File Number 05110011.01		

Sheet Title
Irrigation Plan No. 2

DSA Building Number	Work Order
Reference North	Sheet Scale 1"=20'
	Sheet Number L2.02 14 of 24



IRRIGATION LEGEND

- ENGINE DRIVEN PUMP/GRAVEL PAD (1/15.01)
- MAIN LINE PIPE (ON GRADE) (2/15.01)
- LATERAL LINE PIPE (ON GRADE) (2/15.01)
- SLEEVE PIPE/LATERAL LINE PIPE BELOW GRADE (2/15.01)
- FOOT VALVE (1/15.01)
- SHUT OFF/CONTROL VALVE (3/15.01)
- BUBBLER NOZZLE (6/15.01)
- SPRINKLER (7/15.01)



State of California
Department of General Services

DGS
Department of General Services
State of California

Real Estate Services Division
Project Management Branch

PROJECT DIRECTOR: Jane Hershberger
707 3rd Street, Suite 03-400
West Sacramento, California 95805
www.dgs.ca.gov
Voice: (916) 376-1604
Fax: (916) 376-1742
E-Mail: jane.hershberger@dgs.ca.gov

PRELIMINARY
NOT FOR CONSTRUCTION

EDAW | AECOM
870 Emerald Bay Road, Suite 400
South Lake Tahoe, CA 96150
Tel: (530) 543.5100
Fax: (530) 543.5150

Issue			
No.	Date	Description	

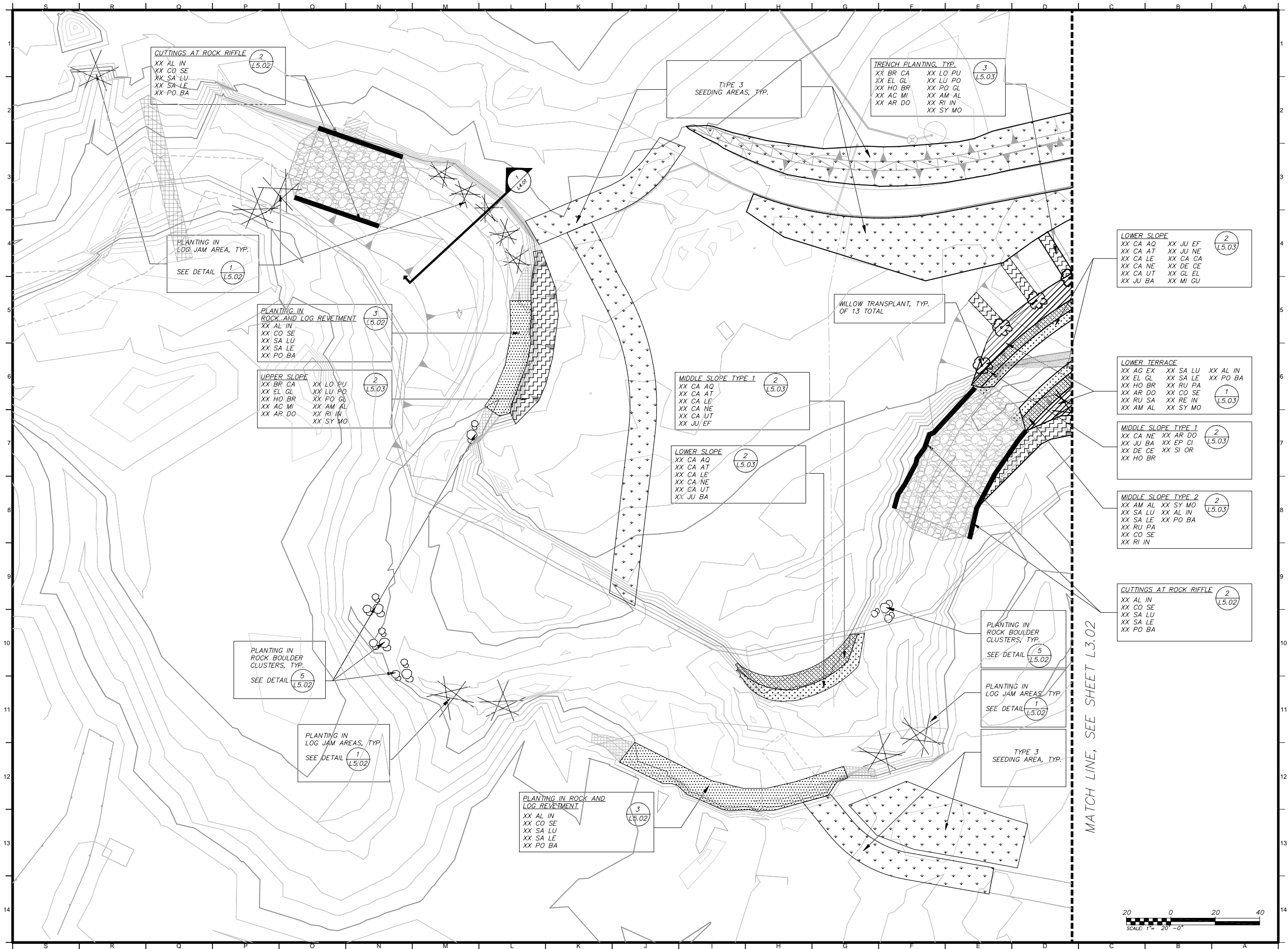
Project

Client/Client Agency

Supervisor JZ	Designer JZ	Drafter SB, ML	Checked JZ
File Date 10/17/2008		Vault File Number 05110011.01	

Sheet Title
Irrigation Plan No. 3

DSA Building Number	Work Order
Reference North	Sheet Scale 1"=20'
	Sheet Number L2.03 15 of 24



**PRELIMINARY
NOT FOR CONSTRUCTION**

Issue

No.	Date	Description

Project

Client/Client Agency

Supervisor JZ	Designer JZ, JH	Drafter SB, ML	Checked JZ
File Date 10/17/2008	Vault File Number 05110011.01		

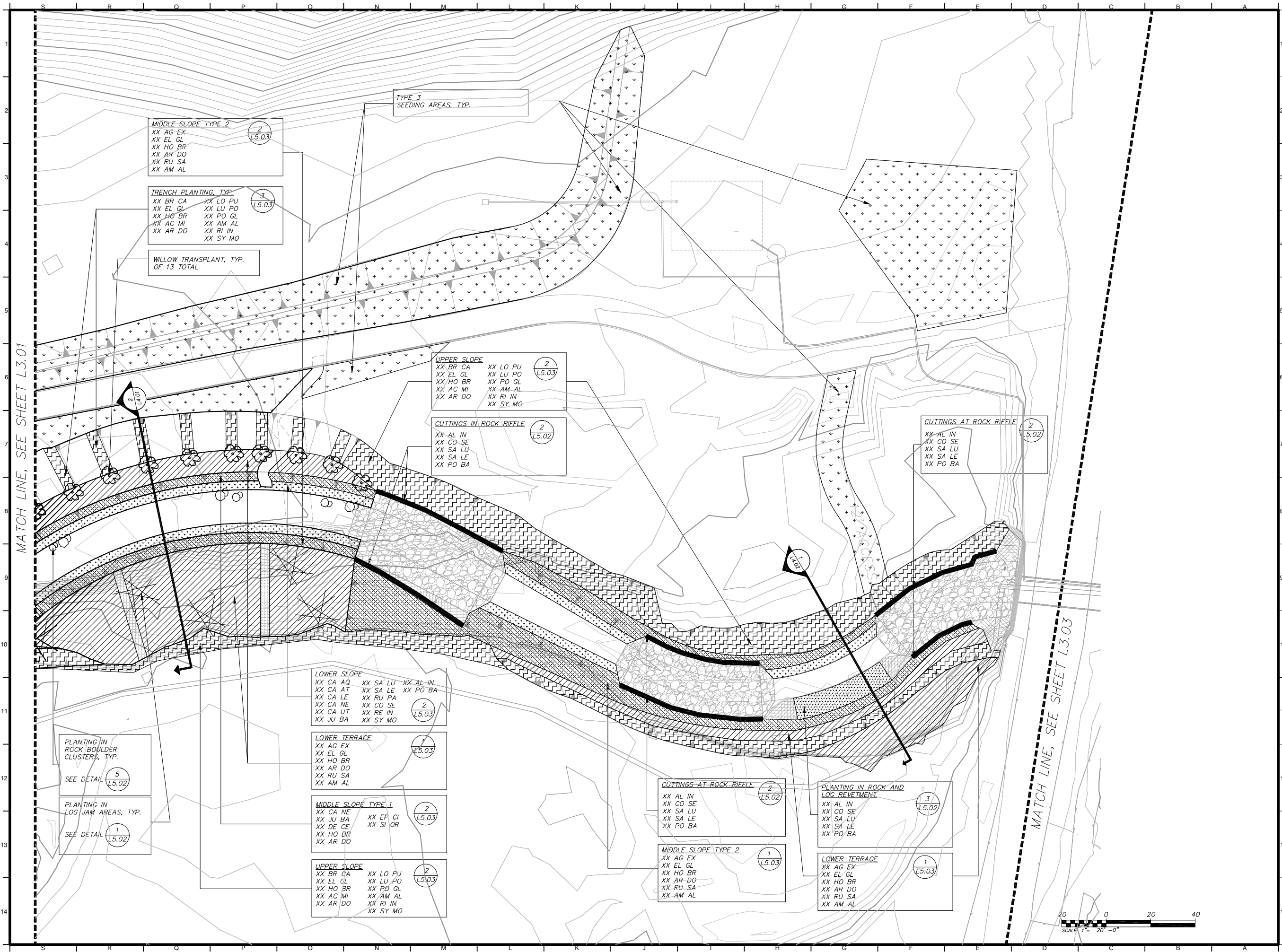
Sheet Title
Planting Plan No. 1

DSA Building Number Work Order


Reference North Sheet Scale
1"=20'

Sheet Number

L3.01
16 of 24



State of California
Department of General Services


Department of General Services

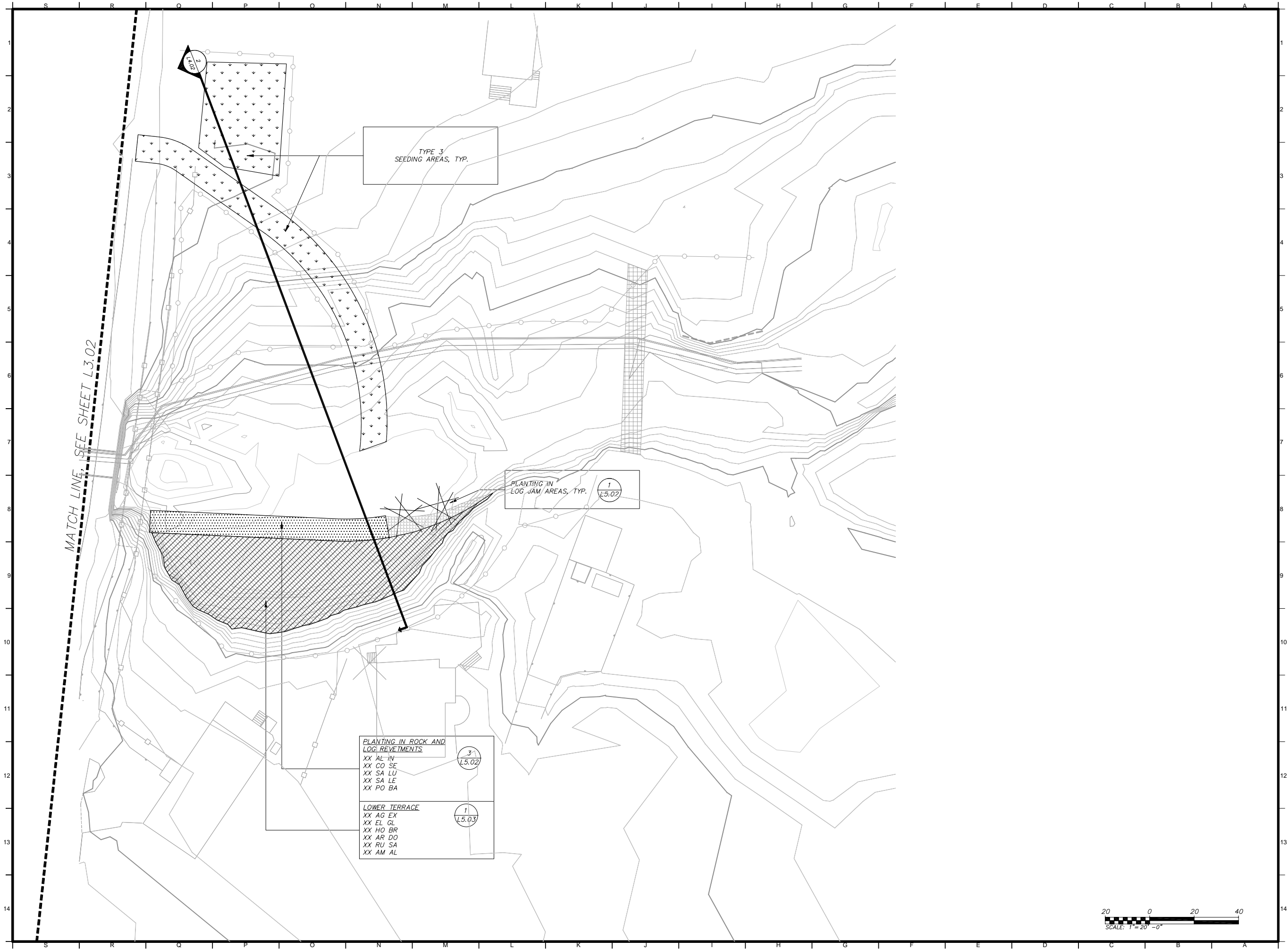
Real Estate Services Division
Project Management Branch

PROJECT DIRECTOR: Jane Hershberger
707 3rd Street, Suite 03-400
West Sacramento, California 95805
www.dgs.ca.gov
Voice: (916) 376-1604
Fax: (916) 376-1742
E-Mail: jane.hershberger@dgs.ca.gov

PRELIMINARY
NOT FOR CONSTRUCTION

EDAW | AECOM
870 Emerald Bay Road, Suite 400
South Lake Tahoe, CA 96150
Tel: (530) 543.5100
Fax: (530) 543.5150

Issue			
No.	Date	Description	
Project			
Client/Client Agency			
Supervisor JZ	Designer JZ, JH	Drafter SB, ML	Checked JZ
File Date 10/17/2008	Vault File Number 05110011.01		
Sheet Title Planting Plan No. 2			
DSA Building Number	Work Order		
Reference North	Sheet Scale 1"=20'		
Sheet Number L3.02			17 of 24



**PRELIMINARY
NOT FOR CONSTRUCTION**



870 Emerald Bay Road, Suite 400
South Lake Tahoe, CA 96150
Tel: (530) 543.5100
Fax: (530) 543.5150

Issue

No.	Date	Description

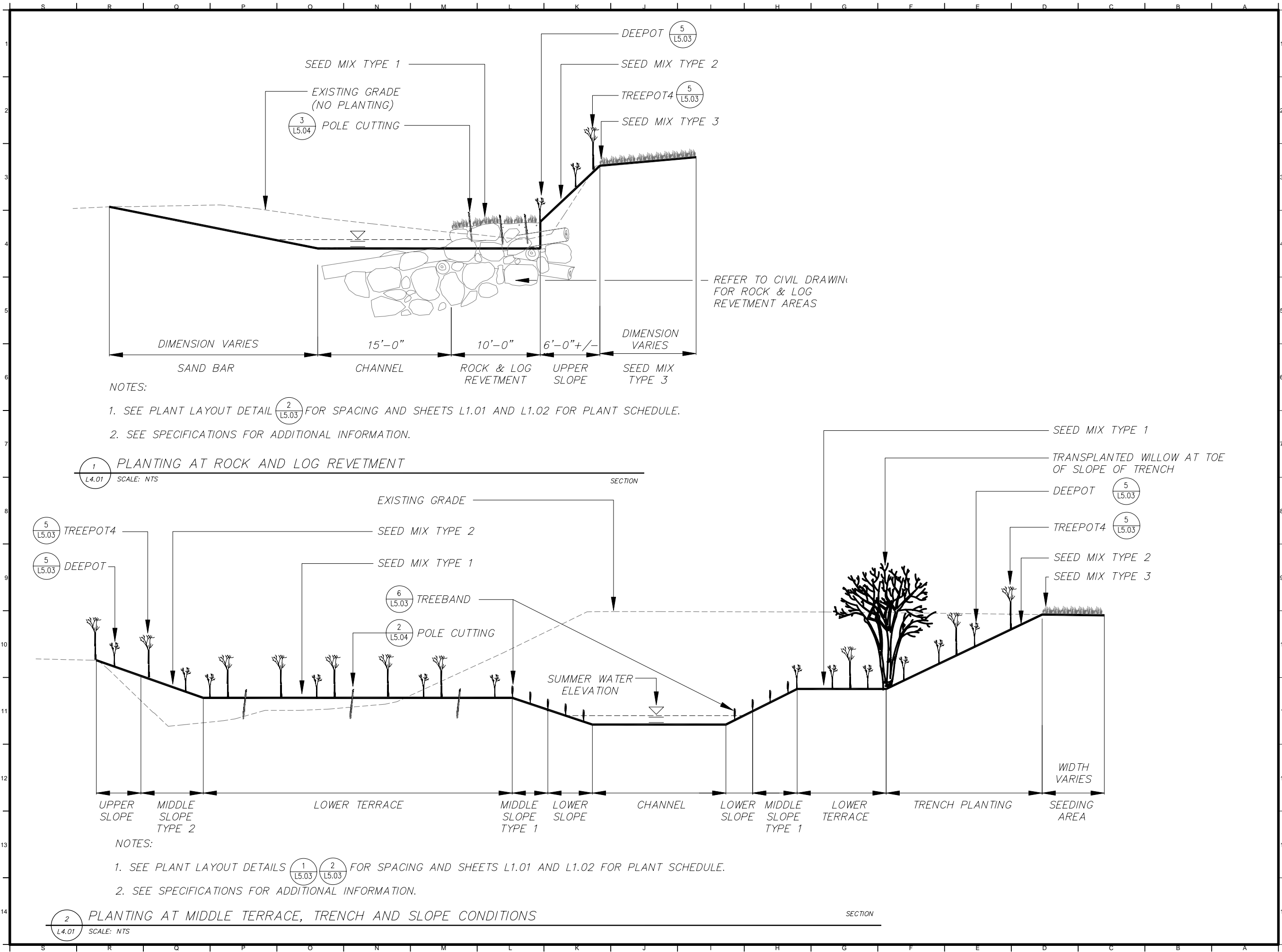
Project

Client/Client Agency


Supervisor JZ	Designer JZ, JH	Drafter SB, ML	Checked JZ
File Date 10/17/2008	Vault File Number 05110011.01		

Sheet Title
Planting Plan No. 3

DSA Building Number	Work Order
Reference North	Sheet Scale 1"=20'
	Sheet Number L3.03 18 of 24



State of California
Department of General Services


Department of General Services

Real Estate Services Division
Project Management Branch

PROJECT DIRECTOR: Jane Hershberger
707 3rd Street, Suite 03-400
West Sacramento, California 95805
www.dgs.ca.gov
Voice: (916) 376-1804
Fax: (916) 376-1742
E-Mail: jane.hershberger@dgs.ca.gov

**PRELIMINARY
NOT FOR CONSTRUCTION**

EDAW | AECOM
870 Emerald Bay Road, Suite 400
South Lake Tahoe, CA 96150
Tel: (530) 543.5100
Fax: (530) 543.5150

Issue			
No.	Date	Description	

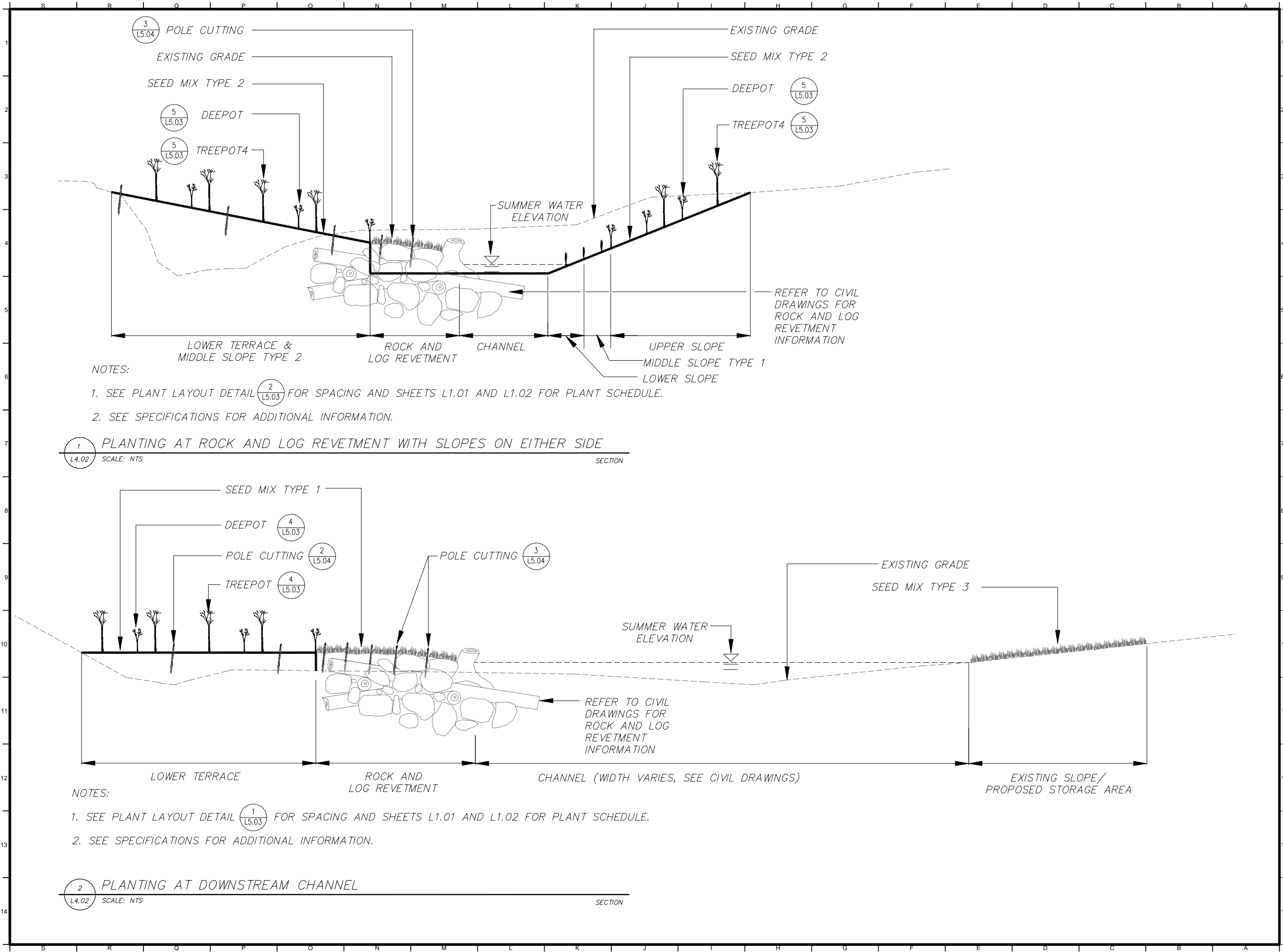
Project

Client/Client Agency


Supervisor JZ	Designer JZ	Drafter SB, ML	Checked JZ
File Date 10/17/2008		Vault File Number 05110011.01	

Sheet Title
Planting Sections No. 1

DSA Building Number	Work Order
Reference North	Sheet Scale NTS
	Sheet Number L4.01 19 of 24



State of California
Department of General Services


Department of General Services

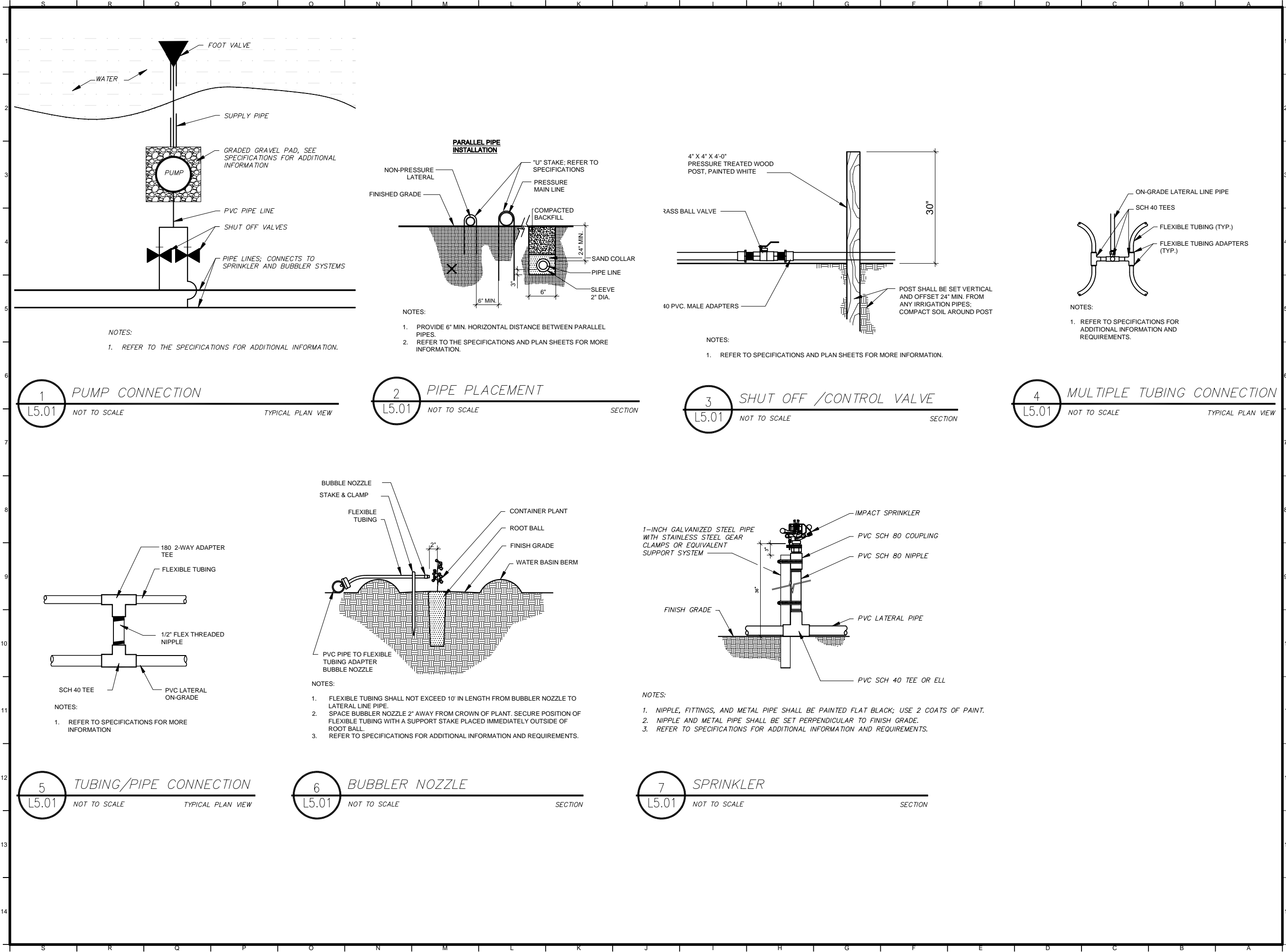
Real Estate Services Division
Project Management Branch

PROJECT DIRECTOR: Jane Hershberger
707 3rd Street, Suite 03-400
West Sacramento, California 95805
www.dgs.ca.gov
Voice: (916) 376-1804
Fax: (916) 376-1742
E-Mail: jane.hershberger@dgs.ca.gov

PRELIMINARY
NOT FOR CONSTRUCTION

EDAW | AECOM
870 Emerald Bay Road, Suite 400
South Lake Tahoe, CA 96150
Tel: (530) 543.5100
Fax: (530) 543.5150

Issue			
No.	Date	Description	
	10/17/2008		
Project			
Client/Client Agency			
Supervisor JZ	Designer JZ	Drafter SB, ML	Checked JZ
File Date		Vault File Number 05110011.01	
Sheet Title Planting Sections No. 2			
DSA Building Number		Work Order	
Reference North		Sheet Scale NTS	
		Sheet Number L4.02 20 of 24	



State of California
Department of General Services

Department of General Services

Real Estate Services Division
Project Management Branch

PROJECT DIRECTOR: Jane Hershberger
707 3rd Street, Suite 03-400
West Sacramento, California 95805
www.dgs.ca.gov
Voice: (916) 376-1604
Fax: (916) 376-1742
E-Mail: jane.hershberger@dgs.ca.gov

PRELIMINARY
NOT FOR CONSTRUCTION

EDAW | AECOM
870 Emerald Bay Road, Suite 400
South Lake Tahoe, CA 96150
Tel: (530) 543.5100
Fax: (530) 543.5150

Issue			
No.	Date	Description	

Project

Client/Client Agency

Supervisor	Designer	Drafter	Checked
JZ	JZ	SB, ML	JZ

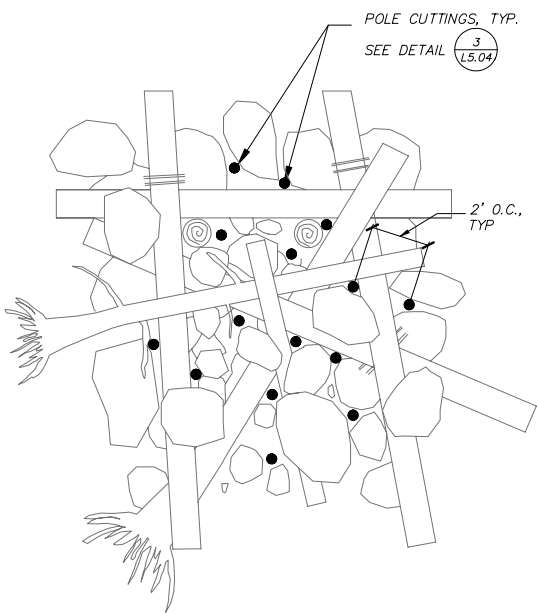
File Date	Vault File Number
10/17/2008	05110011.01

Sheet Title
Irrigation Details

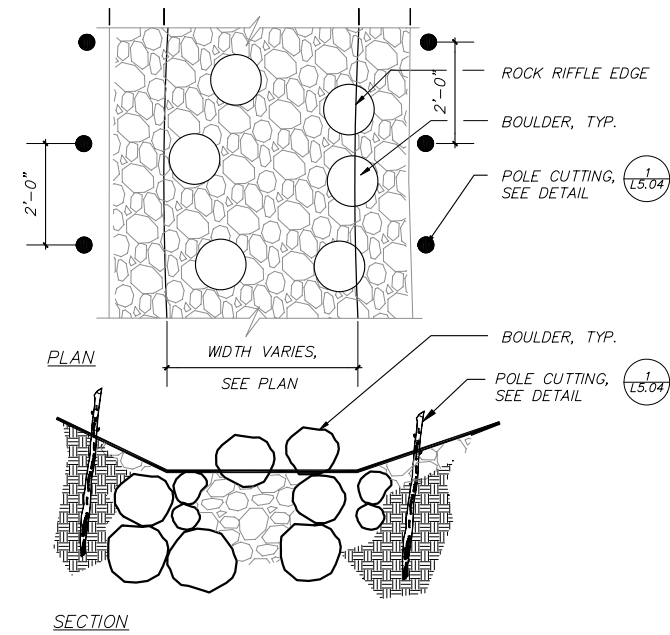
DSA Building Number	Work Order

Reference North	Sheet Scale
	NTS

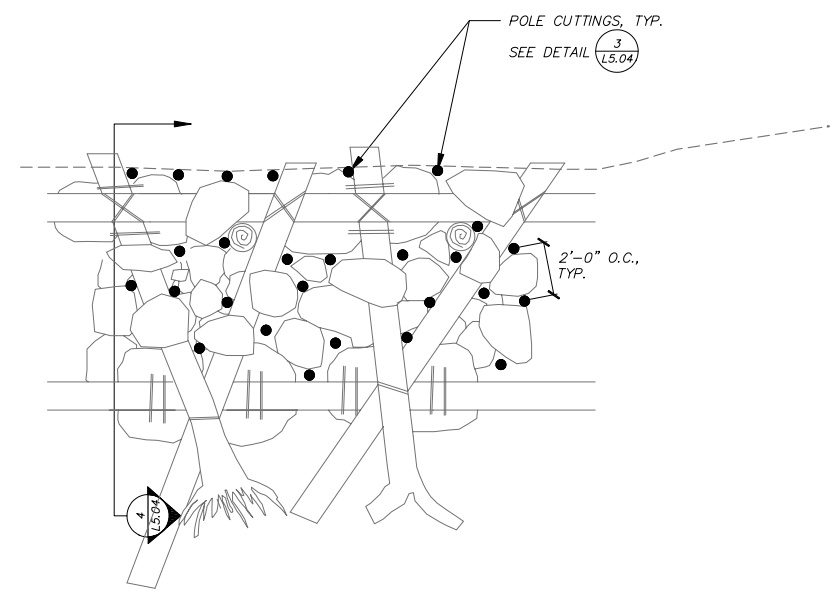
Sheet Number
L5.01
21 of 24



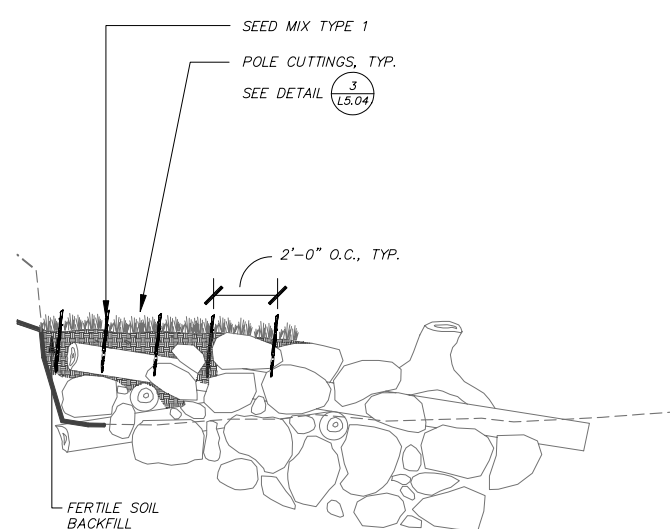
1 PLANTING IN LOG JAM AREAS
L5.02 NOT TO SCALE TYPICAL PLAN VIEW



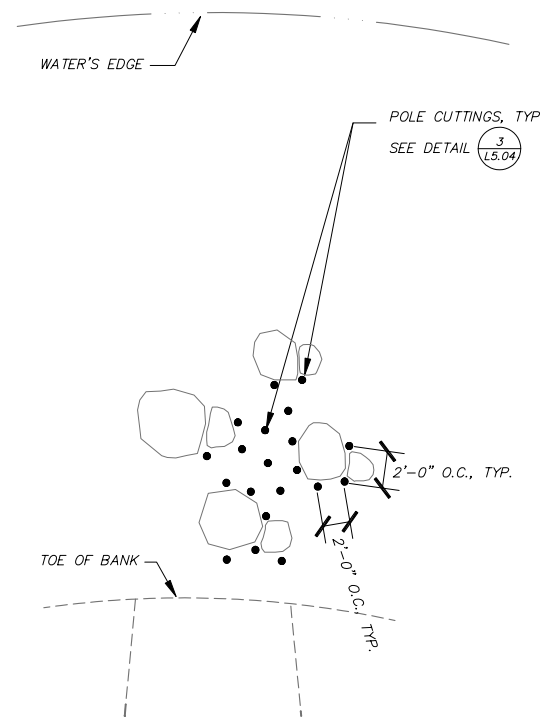
2 CUTTINGS IN ROCK RIFFLE
L5.02 NOT TO SCALE TYPICAL PLAN VIEW



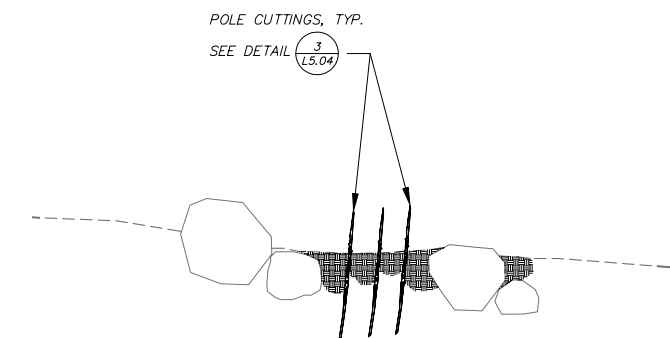
3 PLANTING AT ROCK AND LOG REVETMENT
L5.02 NOT TO SCALE TYPICAL PLAN VIEW



4 PLANTING AT ROCK AND LOG REVETMENT
L5.02 NOT TO SCALE SECTION



5 PLANTING IN ROCK BOULDER CLUSTERS
L5.02 NOT TO SCALE TYPICAL PLAN VIEW



6 PLANTING AT ROCK BOULDER CLUSTER
L5.02 NOT TO SCALE SECTION



PRELIMINARY
NOT FOR CONSTRUCTION



870 Emerald Bay Road, Suite 400
South Lake Tahoe, CA 96150
Tel: (530) 543.5100
Fax: (530) 543.5150

Issue

No.	Date	Description

Project

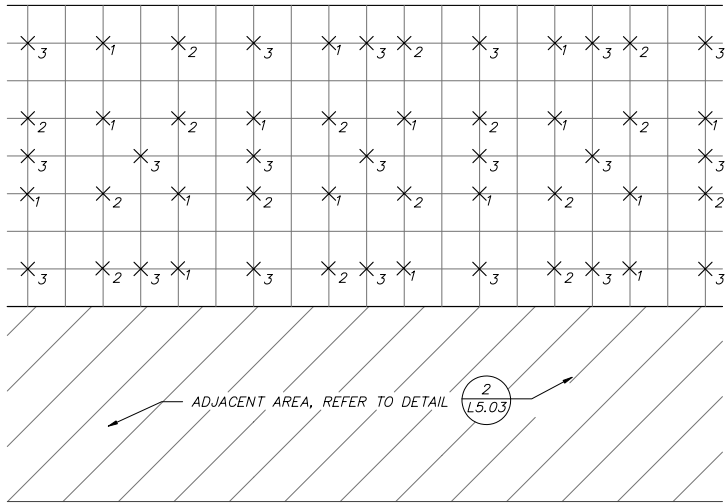
Client/Client Agency

Supervisor JZ	Designer JZ	Drafter SB, ML	Checked JZ
File Date 10/17/2008	Vault File Number 05110011.01		

Sheet Title

Planting Details No. 1

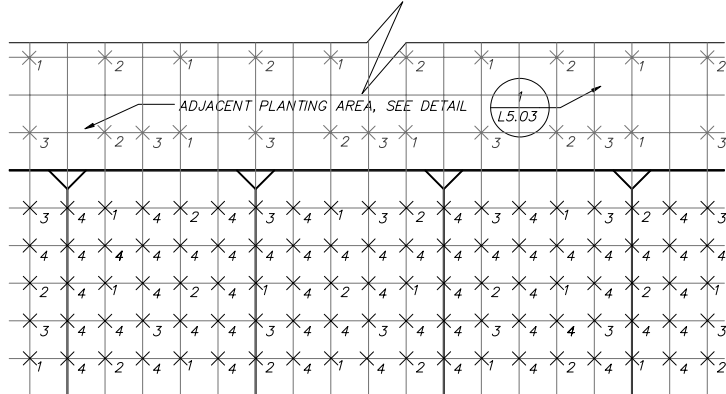
DSA Building Number	Work Order
Reference North	Sheet Scale NTS
	Sheet Number L5.02 22 of 24



LEGEND:
 X₁ X₂.....X₄ = GRAPHICALLY ILLUSTRATES DIFFERENT SPECIES; REFER TO PLANT SCHEDULE (SHEETS L1.01 & L1.02).

- NOTES:
1. THIS DETAIL REPRESENTS A TYPICAL PLANT LAYOUT TO BE USED THROUGHOUT THE CREEK RESTORATION PLANTING AREAS WITH THE SPECIES INDICATED ON THE PLANT SCHEDULE; SEE SHEETS L1.01 AND L1.02.
 2. REFER TO SPECIFICATIONS FOR MORE INFORMATION.

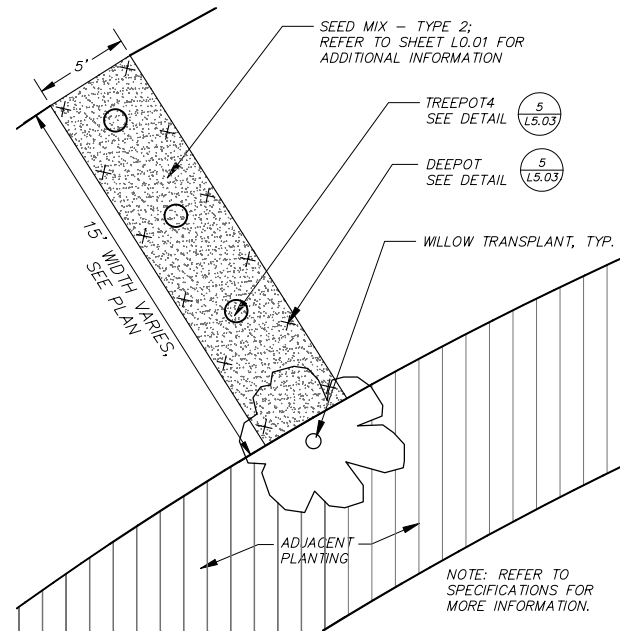
1 PLANTING LAYOUT – TERRACE
 L5.03 NOT TO SCALE TYPICAL PLAN VIEW



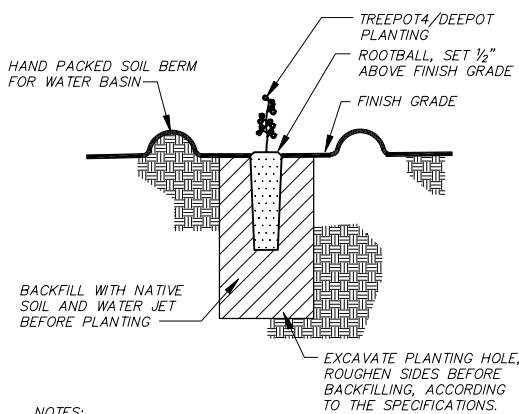
LEGEND:
 X₁ X₂.....X₄ = GRAPHICALLY ILLUSTRATES DIFFERENT SPECIES; REFER TO PLANT SCHEDULE (SHEETS L1.01 & L1.02).

- NOTES:
1. THIS DETAIL REPRESENTS A TYPICAL PLANT LAYOUT TO BE USED THROUGHOUT THE CREEK RESTORATION PLANTING AREAS WITH THE SPECIES INDICATED ON THE PLANT SCHEDULE; SEE SHEETS L1.01 AND L1.02.
 2. REFER TO SPECIFICATIONS FOR MORE INFORMATION.

2 PLANTING LAYOUT – SLOPE
 L5.03 NOT TO SCALE TYPICAL PLAN VIEW

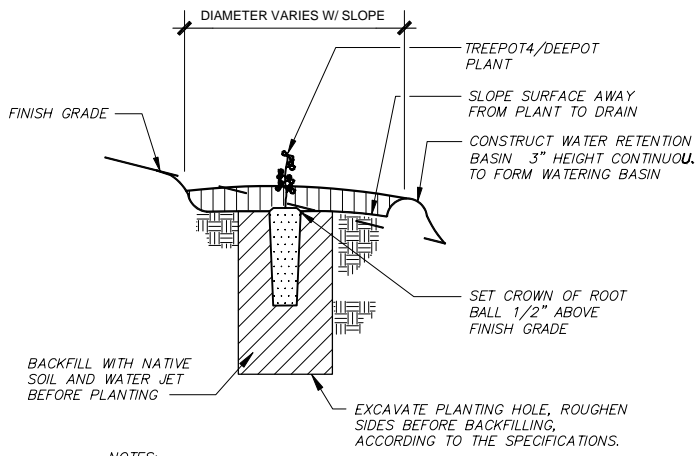


3 TRENCH LAYOUT
 L5.03 NOT TO SCALE TYPICAL PLAN VIEW



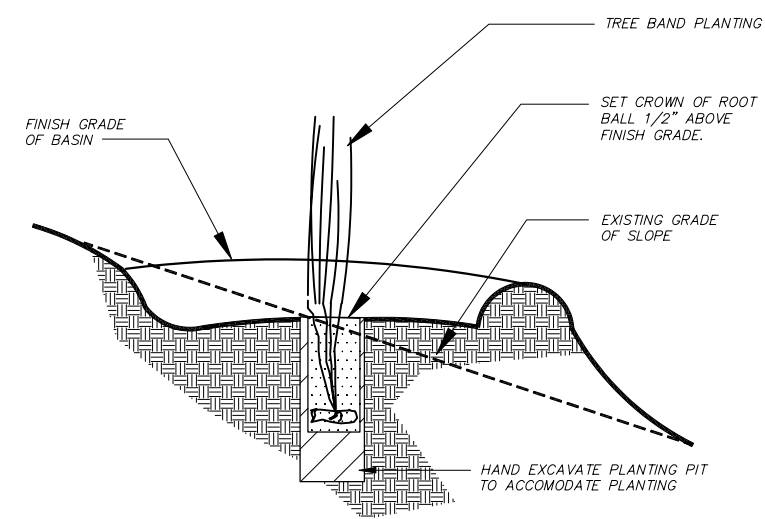
- NOTES:
1. INSTALL CONTAINER PLANTS AS SHOWN.
 2. SEE DETAIL (1) L5.03 FOR PLANTING LAYOUT, AND SHEETS L1.01 AND L1.02 FOR PLANT SPECIES AND ADDITIONAL INFORMATION.
 3. REFER TO THE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

4 TREEPOT4/DEEPOP ON TERRACE
 L5.03 NOT TO SCALE SECTION



- NOTES:
1. INSTALL CONTAINER PLANTS ON SLOPES AS SHOWN.
 2. SEE DETAIL (2) L5.03 FOR PLANTING LAYOUT, AND SHEETS L1.01 AND L1.02 FOR PLANT SPECIES AND ADDITIONAL INFORMATION.
 3. REFER TO THE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

5 TREEPOT4/DEEPOP ON SLOPE
 L5.03 NOT TO SCALE SECTION



- NOTES:
1. INSTALL TREE BANDS ON SLOPES AS SHOWN.
 2. SEE DETAIL (5) L5.03 FOR PLANTING LAYOUT, AND SHEETS L1.01 AND L1.02 FOR PLANT SPECIES AND ADDITIONAL INFORMATION.
 3. REFER TO THE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

6 TREEBAND ON SLOPE
 L5.03 NOT TO SCALE SECTION



PRELIMINARY
 NOT FOR CONSTRUCTION

Issue

No.	Date	Description

Project

Client/Client Agency

Supervisor	Designer	Drafter	Checked
JZ	JZ	SB, ML	

File Date 10/17/2008

Vault File Number 05110011.01

Sheet Title

Planting Details No. 2

DSA Building Number

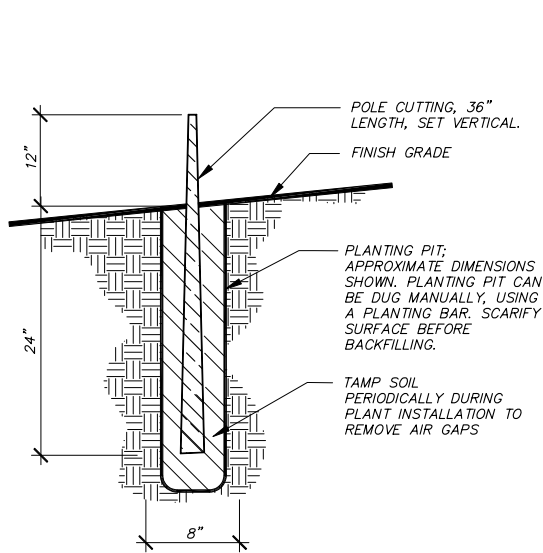
Work Order

Reference North

Sheet Scale NTS

Sheet Number

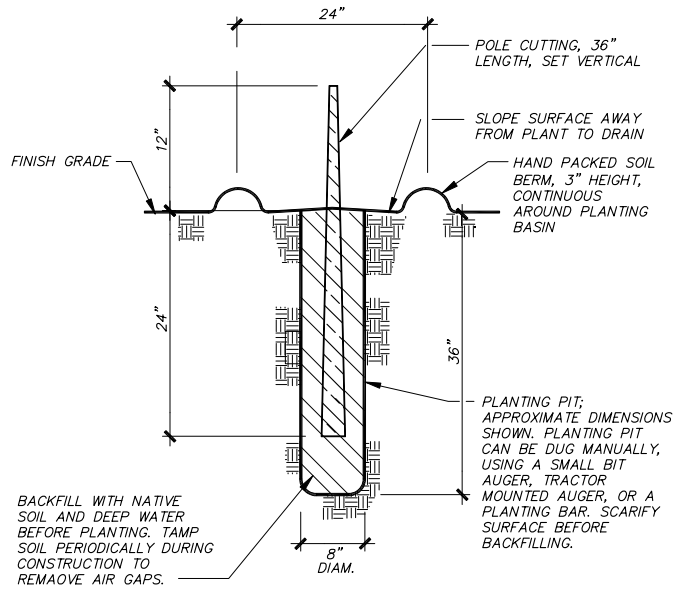
L5.03
 23 of 24



NOTES:

1. REFER TO THE PROJECT PLANS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.

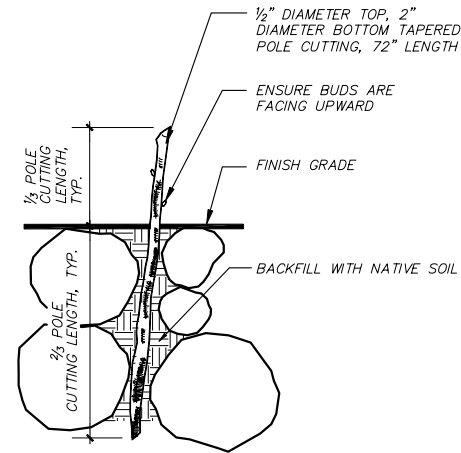
1 POLE CUTTING ON SLOPE
L5.04 NOT TO SCALE SECTION



NOTES:

1. PROVIDE 24" DIAMETER "WEED FREE" ZONE AROUND INDIVIDUAL SITES.
2. REFER SPECIFICATIONS FOR ADDITIONAL INFORMATION.

2 POLE CUTTING ON TERRACE
L5.04 NOT TO SCALE SECTION



NOTES:

1. REFER PLANT SCHEDULE ON SHEET L1.01 AND SHEET L1.02 FOR PLANT SPECIES.
2. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

3 POLE CUTTING IN REVETMENT & LOG JAM
L5.04 NOT TO SCALE SECTION



**PRELIMINARY
NOT FOR CONSTRUCTION**



870 Emerald Bay Road, Suite 400
South Lake Tahoe, CA 96150
Tel: (530) 543.5100
Fax: (530) 543.5150

Issue

No.	Date	Description

Project

Client/Client Agency

Supervisor JZ **Designer** JZ **Drafter** SB, ML **Checked** JZ

File Date 10/17/2008 **Vault File Number** 05110011.01

Sheet Title
Planting Details No. 3

DSA Building Number **Work Order**

Reference North **Sheet Scale**
NTS

Sheet Number
L5.04